

# FILE NOTATIONS

Entered in HED File  
Location Not Filled  
Card Indexed

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Checked by Chief *OK*  
Approval Letter .....  
Disapproval Letter .....  
12-2-71

## COMPLETION DATA:

Date Well Completed *5-21-72*

OW..... WW..... TA.....

GW..... OS..... PA.....

Location Inspected ....

Bond released

State or Fee Land ..

## LOGS FILED

Driller's Log.....

Electric Logs (No.) *OK*

E..... I..... Dual I Lat..... GR-N..... Micro.....

BHC Sonic GR..... Lat..... MI-L..... Sonic.....

CBLog..... CCLog..... Others.....

# CHEVRON OIL COMPANY

## WESTERN DIVISION

Denver, Colorado  
November 30, 1971

DRILLING PROGRAM  
CHEVRON ET AL  
B. HARTMAN UNIT #1-31A3  
ALTAMONT FIELD  
DUCHESNE COUNTY, UTAH

MR. W. B. JACKSON:

The following program is recommended for the drilling of Chevron et al B. Hartman Unit #1-31A3, Duchesne County, Utah.

1. Drill 15" hole to  $\pm$  2500'. Run 10-3/4" OD 40.5# J-55 casing to TD and cement to surface with 50/50 Pozmix containing 2% Gel and 2% CaCl tailed in with 200 sxs Type G cement containing 3% CaCl.
  - a. Casing to be fitted with guide shoe, baffle collar and  $\pm$  6 centralizers.
  - b. After  $\pm$  6 hours WOC, cut off casing and install 10" Seriex 900 Bradenhead.
  - c. Install 10" Series 900 BOPE per Chevron's specifications for Class "A-1" BOP Hookup.
  - d. Test BOPE, kelly, kelly cock, kelly hose, standpipe and all valves to 3000 psi with clear water. Test casing to 1500 psi with water before drilling out.
2. Drill 8-3/4" hole below surface casing to depth of  $\pm$  12,100' using a drilling mud as outlined below.
  - a. One-man mud logging unit is required from 5000' to 10,000' and two-man from 10,000' to  $\pm$  12,100'.
  - b. Two DST's are anticipated.
3. Run 7" OD 26# S-95 intermediate casing to TD. Cement with 50/50 Pozmix containing 2% Gel, 10% salt and fluid loss control and turbulent inducer additives from TD to  $\pm$  9500'.
  - a. Casing to be equipped with washdown-whirler differential fillup shoe and differential fillup collar. Install centralizers and baskets as warranted throughout cement column.

- b. Displace cement in turbulent flow while reciprocating pipe until plug is bumped. All fluid behind casing to be treated with Hydrazine.
  - c. Drop slips immediately, cut off casing and install 10" Series 900 x 1500 casing head spool and 10" x 6" Series 1500 tubing head.
  - d. Install 6" Series 1500 BOPE per Chevron's specifications for Class "A-1" BOP Hookup.
  - e. Test BOPE, kelly, kelly cock, kelly hose, standpipe and all valves to 5000 psi with clear water. Test casing to 5000 psi with water before drilling out.
4. Drill 6-1/8" hole below intermediate casing to estimated total depth of 14,435' using a drilling mud as outlined below.
- a. Two-man logging unit is required from bottom intermediate casing to total depth.
  - b. Four DST's are anticipated.
5. Maintain drilling fluids as follows:

	Depth	Type	Weight	Viscosity	Water Loss
1)	0' - ± 6,500'	Water	To suit Contractor		-
2)	± 6,500' - ± 9,500'	Gel-Water	8.6 - 9.0#	30-40 Sec	± 15 cc
3)	± 9,500' - ± 12,100'	Gel-Chem	9.0 - 12.0#	40-45 Sec	6-8 cc
4)	± 12,100' - TD	Gel-Chem	12.0 - 16.0#	45-55 Sec	4-6 cc

- (1) Drill Duchesne and Uinta Formations with water. If necessary to clean hole, use Gel to build viscosity.
- (2) Use Gel-Water to drill top Green River formation. Maintain low weight. Maintain good flow properties and hydraulics to reduce hole enlargement. Control solids with desander. Have degasser installed and operating.
- (3) Unless hole conditions warrant otherwise, mud-up operations will commence at ± 9,500'. Convert system to Gel-Chem. Maintain weight with ± 500 psi hydrostatic over balance. Carry 4-6% Diesel #2. Continue to maintain good flow properties and hydraulics to reduce hole enlargement. Control solids with desander. If loss circulation should develop, carry LCM (10:1 sawdust and fiber) as needed. Take precautions on trips to prevent formation breakdown. If loss circulation becomes severe, use temperature log to define and consider use of coarse walnut hulls and Mica or squeezes.

- (4) Continue to maintain weight with  $\pm$  500 psi hydrostatic over balance over anticipated formation pressure. Carry 6-8% Diesel #2. Maintain good flow properties. Control any gas cut mud with degasser and low Gel strengths. Maintain accurate checks of pit volumes and return mud weights during all operations. Keep hole full on trips.
6. Sampling, logging, testing, etc., to be in general conformance with Geologic Program.
7. If productive, run and cement 5" 18# P-110 FJ liner from TD to  $\pm$  11,900'.  
a. Liner to be equipped with proper set shoe, landing collar and hanger with tie-back sleeve but no packer.
8. Completion to be based on hole evaluation.

CH 12/1/71

  
J. W. GREER

JPH:gl

APPROVED:

  
W. B. JACKSON



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL & GAS

5. Lease Designation and Serial No.

Fee

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

8. Farm or Lease Name

B. Hartman Unit

9. Well No.

1-31A3

10. Field and Pool, or Wildcat

Altamont

11. Sec., T., R., M., or Blk.  
and Survey or Area

Sec. 31, T1S, R3W, USB&amp;M

12. County or Parrish 13. State

Duchesne

Utah

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. Type of Well

Oil  
Well ☒Gas  
Well ☐

Other

Single  
Zone ☐Multiple  
Zone ☒

2. Name of Operator

Chevron Oil Company - Western Division

3. Address of Operator

P. O. Box 599 Denver, Colorado 80201

4. Location of Well (Report location clearly and in accordance with any State requirements.)\*

At surface

1019 ft. S of N & 1204 ft. W of E Line (NE  $\frac{1}{4}$  NE  $\frac{1}{4}$ )

At proposed prod. zone

Same

14. Distance in miles and direction from nearest town or post office\*

15. Distance from proposed\*

location to nearest  
property or lease line, ft.  
(Also to nearest drlg. line, if any)

1019 ft.

16. No. of acres in lease

640 ac. drlg block

17. No. of acres assigned  
to this well

640 ac.

18. Distance from proposed location\*  
to nearest well, drilling, completed,  
or applied for, on this lease, ft.

None

19. Proposed depth

14,435

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

Ungraded Ground 6297

22. Approx. date work will start\*

12-20-71

23.

## PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
15	10-3/4	40.5	2500	Sufficient to reach surface
8-3/4	7	26	± 12,100	Sufficient to reach 9500'
6-1/8	5	18	TD	Sufficient to fill all annular space

We plan to drill a development well to an estimated TD of 14,435 to test the Miles and 1-26 zones.

Attached: Well Plat  
Drilling Program  
BOP Requirements

B. Hartman Unit

6-24-71

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed

J. W. Greer

Title

J. W. Greer

Division Drlg. Supt.

Date

12-01-71

(This space for Federal or State office use)

Permit No.

13-013-30093

Approval Date

Approved by

Title

Date

Conditions of approval, if any:

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL & GAS

5. Lease Designation and Serial No.

Fee

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

8. Farm or Lease Name

B. Hartman Unit

9. Well No.

1-31A3

10. Field and Pool, or Wildcat

Altamont

11. Sec., T., R., M., or Blk.  
and Survey or Area

Sec. 31, T1S, R3W, USB&amp;M

12. County or Parrish 13. State

Duchesne

Utah

1a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. Type of Well

Oil  
Well ☒Gas  
Well ☐

Other

Single  
Zone ☐Multiple  
Zone ☒

2. Name of Operator

Chevron Oil Company - Western Division

3. Address of Operator

P. O. Box 599 Denver, Colorado 80201

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At surface

1019 ft. S of N & 1204 ft. W of E Line (NE  $\frac{1}{4}$  NE  $\frac{1}{4}$ )

At proposed prod. zone

Same

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15. Distance from proposed\*  
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property or lease line, ft.  
(Also to nearest drlg. line, if any)

1019 ft.

16. No. of acres in lease

640 ac. drlg block

17. No. of acres assigned  
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18. Distance from proposed location\*  
to nearest well, drilling, completed,  
or applied for, on this lease, ft.

None

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14,435

20. Rotary or cable tools

Rotary

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Ungraded Ground

6297

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12-20-71

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24.

Signed

*J. W. Greer*

Title

J. W. Greer

Division Drlg. Supt.

Date

12-01-71

(This space for Federal or State office use)

Permit No.

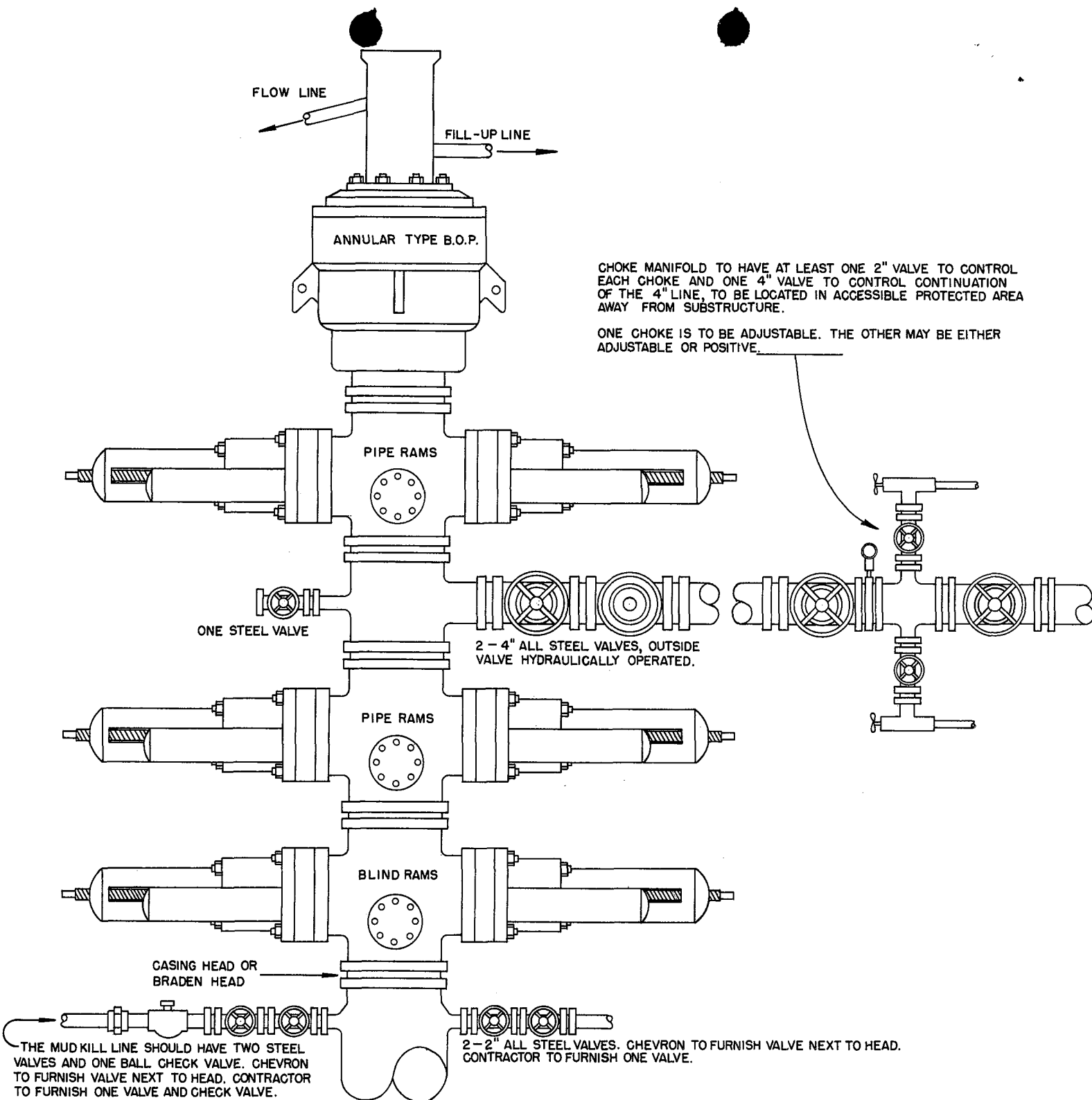
Approval Date

Approved by

Title

Date

Conditions of approval, if any:



#### THE FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

- A. CONDITIONS MAY BE MET BY ANY COMBINATION OF HYDRAULICALLY OPERATED B.O.P.'s WHICH GIVE THE FOLLOWING COMBINATION:
  - (1) BLIND RAMS ON BOTTOM.
  - (2) PIPE RAMS ABOVE THE BLIND RAMS.
  - (3) CHOKE OUTLET AT LEAST FOUR INCHES DIAMETER.
  - (4) PIPE RAMS ABOVE CHOKE OUTLET.
  - (5) ANNULAR B.O.P. ON TOP.
- B. ALL CONNECTIONS TO BE FLANGED, STUDDED, OR CLAMPED.
- C. ALL CONNECTIONS FROM OPERATING MANIFOLDS TO PREVENTERS TO BE ALL STEEL HOSE OR TUBE A MINIMUM OF ONE INCH IN DIAMETER.
- D. ACCUMULATOR TO PROVIDE CLOSING PRESSURE AT LEAST 15% IN EXCESS OF THAT REQUIRED, WITH SUFFICIENT VOLUME TO OPERATE B.O.P.'s.
- E. ALL CONNECTIONS TO AND FROM PREVENTER TO HAVE A PRESSURE RATING EQUIVALENT TO THAT OF THE B.O.P.'s.
- F. MANUAL CONTROLS TO BE INSTALLED BEFORE DRILLING CEMENT PLUG.
- G. KELLY COCK TO BE INSTALLED ON KELLY.
- H. FULL OPENING SAFETY VALVE TO BE AVAILABLE ON RIG FLOOR.
- I. DUAL OPERATING CONTROLS, ONE LOCATED BY DRILLERS POSITION AND THE OTHER LOCATED A SAFE DISTANCE FROM THE RIG FLOOR.
- J. A REGULATING VALVE FOR THE ANNULAR B.O.P. IS REQUIRED.

**CHEVRON OIL COMPANY, WESTERN DIVISION**  
**ROCKY MOUNTAIN PRODUCTION DIVISION**  
**FOUR CLOSURE HYDRAULIC BLOWOUT PREVENTERS**  
**CLASS A-1**

CHEVRON OIL COMPANY – WESTERN DIVISION  
ROCKY MOUNTAIN PRODUCTION DIVISION

GENERAL INSTRUCTIONS AND REQUIREMENTS FOR BLOWOUT  
PREVENTION EQUIPMENT

I. ACCEPTABLE ACCUMULATOR UNITS

- A. FOR 8" AND LARGER BOP UNITS.
  - 1. HYDRIL 80 GALLON
  - 2. PAYNE 80 GALLON (4–20 GALLON UNITS MANIFOLDED TOGETHER)
  - 3. KOOMEY 88 GALLON (4–22 GALLON UNITS MANIFOLDED TOGETHER)
- B. FOR 6" BOP UNITS
  - 1. HYDRIL 40 GALLON
  - 2. PAYNE 40 GALLON (2–20 GALLON UNITS MANIFOLDED TOGETHER)
  - 3. KOOMEY 44 GALLON (2–22 GALLON UNITS MANIFOLDED TOGETHER)
- C. A VALVE SHALL BE PROVIDED FOR INTRODUCTION OF EMERGENCY ENERGY (SUCH AS BAKER HAND PUMP) FROM AN EXTERIOR SOURCE OTHER THAN THE ACCUMULATOR. A VALVE SHALL BE INSTALLED TO PREVENT FLOW FROM AN EXTERIOR SOURCE TO THE ACCUMULATOR UNIT.

II. CONTROL UNITS

- A. ALL VALVES TO BE CLEARLY LABELED TO INSURE PROPER OPERATION AND TO ELIMINATE THE POSSIBILITY OF CONFUSION.
- B. HAND WHEELS FOR PIPE AND BLANK RAMS SHALL BE CLEARLY LABELED AND IN PLACE AT ALL TIMES WITH CLEAR ACCESS. A BARRICADE SHALL BE INSTALLED FOR THE PROTECTION OF THE OPERATOR AT THESE MANUAL CONTROLS.

III. PREVENTOR UNITS

- A. PRESSURE RATING OF BOP EQUIPMENT WILL BE AS STATED IN THE CONTRACT OR ON THIS DRAWING.
- B. DRILLING NIPPLE AND BOP'S TO HAVE SUFFICIENT ID TO PASS HANGER FOR NEXT STRING OF CASING TO BE SET.
- C. NEW API BX RING GASKETS TO BE USED EACH TIME A FLANGE IS ASSEMBLED.
- D. FLANGE BOLTS ON BOP'S WILL BE TIGHTENED AFTER PRESSURE TESTS AND ONCE A WEEK ON A ROUTINE BASIS. CASINGHEAD BOLTS TO BE TIGHTENED DAILY.
- E. PREVENTORS ARE TO BE WELL BRACED.
- F. PRIOR TO RUNNING CASING, PIPE RAMS WILL BE CHANGED TO ACCOMMODATE SIZE OF CASING TO BE RUN.
- G. CASINGHEAD SHALL BE INSTALLED SO KILL LINE VALVES WILL BE UNDER BOP'S FOR PROTECTION. KILL LINE VALVES TO BE KEPT CLOSED AFTER PRESSURE TESTS.

IV. TESTING

- A. BLOWOUT PREVENTORS, ALL VALVES IN THE SYSTEM, KELLY COCK, SAFETY VALVE, STAND PIPE VALVES, ROTARY HOSE, ETC. ARE ALL TO BE TESTED TO THE WORKING PRESSURE OF THE BOP'S OR AS STATED IN THE CONTRACT.
- B. BOP SYSTEM IS TO BE TESTED UPON INSTALLATION AND EACH WEEK THEREAFTER, USING A TEST PLUG OR AT THE FREQUENCY STATED IN THE CONTRACT.
- C. ALL TESTING IS TO BE DONE WITH CLEAR OR DYED WATER.
- D. TESTING PROCEDURE IS TO BE CARRIED OUT SO EACH VALVE IS TESTED INDIVIDUALLY.

V. MISCELLANEOUS

- A. DRILL PIPE RUBBER, IN GOOD CONDITION, TO BE USED ON KELLY SAVER SUB AT ALL TIMES.
- B. A FULL OPENING VALVE IN THE STAND PIPE WITH A 2" VALVE DOWNSTREAM FOR CONNECTING A PUMP TRUCK ARE REQUIRED. THESE VALVES ARE TO HAVE THE SAME PRESSURE RATING AS THE BOP'S.
- C. CHECK WITH COMPANY REPRESENTATIVE FOR DIRECTION TO INSTALL OUTLET VALVES ON WELLHEAD.
- D. MODIFICATIONS OF HOOK-UP MUST BE APPROVED IN WRITING ON TOUR REPORTS BY COMPANY REPRESENTATIVE.

T1S, R3W, U.S.B.&M.

PROJECT  
**CHEVRON OIL COMPANY**

Well location located as shown  
in the NE 1/4 NE 1/4 Section 31, T1S,  
R3W, U.S.B.&M. Duchesne County,  
Utah.

NOTE:

Elev. at Location Ungraded Ground = 6267'  
" Ref. Point S 15° 20' 12" E 200' = 6262.47'  
" " " " 232' = 6261.57'  
" " " N 64° 12' 12" W 212' = 6261.00'  
" " " " 300' = 6263.03'



CERTIFICATE

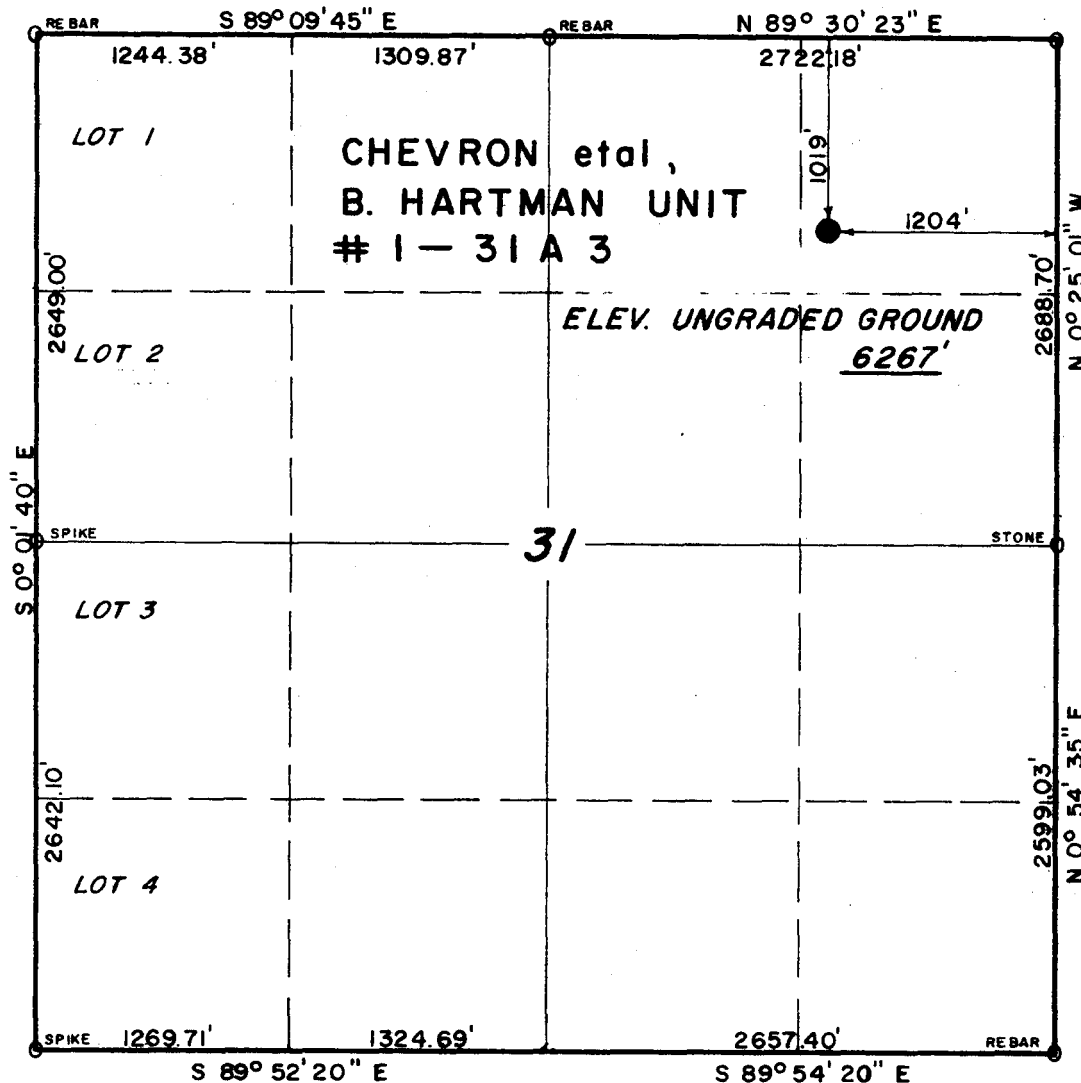
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.

*Gene Stewart*

REGISTERED LAND SURVEYOR  
REGISTRATION NO 3154  
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
P.O. BOX Q - 110 EAST - FIRST SOUTH  
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 20 Nov., 1971
PARTY N.J.M. D.H. B.H.	REFERENCES GLO Plat
WEATHER Cold	FILE CHEVRON OIL CO.



O = Section Corners Located or Re-established.

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL & GAS

5. Lease Designation and Serial No.

Fee

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

8. Farm or Lease Name

B. Hartman Unit

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1-31A3

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Sec. 31, T1S, R3W, USB&amp;M

12. County or Parrish 13. State

Duchesne

Utah

1a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. Type of Well

Oil Well ☒Gas Well ☐

Other

Single Zone ☐Multiple Zone ☒

2. Name of Operator

Chevron Oil Company - Western Division

3. Address of Operator

P. O. Box 599 Denver, Colorado 80201

4. Location of Well (Report location clearly and in accordance with any State requirements.)\*

At surface

1019 ft. S of N & 1204 ft. W of E Line (NE $\frac{1}{4}$ NE $\frac{1}{4}$ )

At proposed prod. zone

Same

14. Distance in miles and direction from nearest town or post office\*

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location to nearest  
property or lease line, ft.  
(Also to nearest drlg. line, if any)

1019 ft.

16. No. of acres in lease

640 ac. drlg block

17. No. of acres assigned  
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640 ac.

18. Distance from proposed location\*  
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or applied for, on this lease, ft.

None

19. Proposed depth

14,435

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

Ungraded Ground

6297

22. Approx. date work will start\*

12-20-71

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24.

Signed

*J. W. Greer*

Title

J. W. Greer

Division Drlg. Supt.

Date

12-01-71

(This space for Federal or State office use)

Permit No.

212-0151-30013

Approval Date

Approved by

Title

Date

Conditions of approval, if any:

T1S, R3W, U.S.B.&M.

PROJECT  
CHEVRON OIL COMPANY

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R3W, U.S.B.&M. Duchesne County,  
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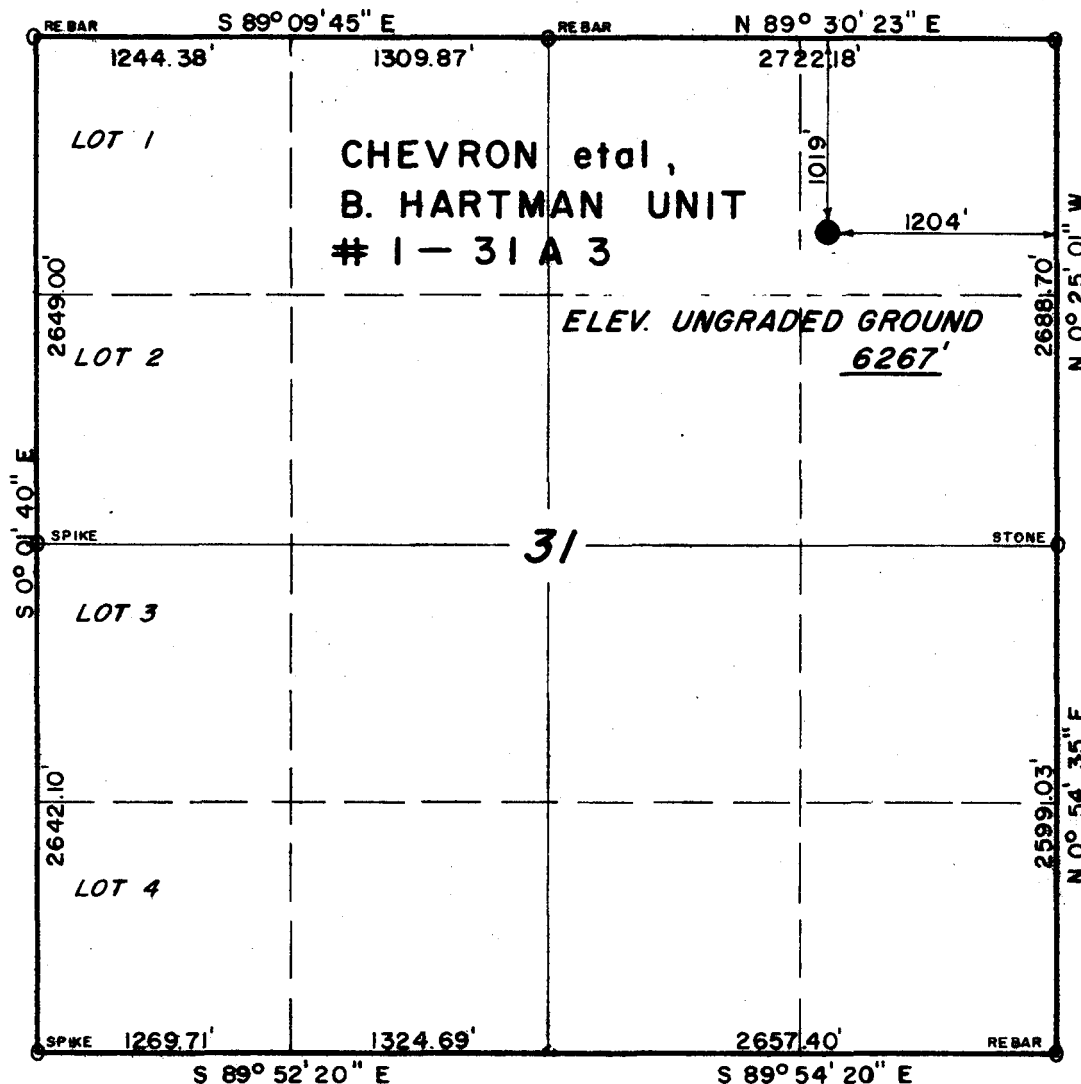
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REGISTRATION NO 3154  
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WEATHER Cold	FILE CHEVRON OIL CO.



O = Section Corners Located or Re-established.

# CHEVRON OIL COMPANY

WESTERN DIVISION

Denver, Colorado

November 30, 1971

## DRILLING PROGRAM

CHEVRON ET AL

B. HARTMAN UNIT #1-31A3

ALTAMONT FIELD

DUCHESNE COUNTY, UTAH

MR. W. B. JACKSON:

The following program is recommended for the drilling of Chevron et al B. Hartman Unit #1-31A3, Duchesne County, Utah.

1. Drill 15" hole to  $\pm$  2500'. Run 10-3/4" OD 40.5# J-55 casing to TD and cement to surface with 50/50 Pozmix containing 2% Gel and 2% CaCl tailed in with 200 sxs Type G cement containing 3% CaCl.
  - a. Casing to be fitted with guide shoe, baffle collar and  $\pm$  6 centralizers.
  - b. After  $\pm$  6 hours WOC, cut off casing and install 10" Seriex 900 Bradenhead.
  - c. Install 10" Series 900 BOPE per Chevron's specifications for Class "A-1" BOP Hookup.
  - d. Test BOPE, kelly, kelly cock, kelly hose, standpipe and all valves to 3000 psi with clear water. Test casing to 1500 psi with water before drilling out.
2. Drill 8-3/4" hole below surface casing to depth of  $\pm$  12,100' using a drilling mud as outlined below.
  - a. One-man mud logging unit is required from 5000' to 10,000' and two-man from 10,000' to  $\pm$  12,100'.
  - b. Two DST's are anticipated.
3. Run 7" OD 26# S-95 intermediate casing to TD. Cement with 50/50 Pozmix containing 2% Gel, 10% salt and fluid loss control and turbulent inducer additives from TD to  $\pm$  9500'.
  - a. Casing to be equipped with washdown-whirler differential fillup shoe and differential fillup collar. Install centralizers and baskets as warranted throughout cement column.



- b. Displace cement in turbulent flow while reciprocating pipe until plug is bumped. All fluid behind casing to be treated with Hydrazine.
  - c. Drop slips immediately, cut off casing and install 10" Series 900 x 1500 casing head spool and 10" x 6" Series 1500 tubing head.
  - d. Install 6" Series 1500 BOPE per Chevron's specifications for Class "A-1" BOP Hookup.
  - e. Test BOPE, kelly, kelly cock, kelly hose, standpipe and all valves to 5000 psi with clear water. Test casing to 5000 psi with water before drilling out.
4. Drill 6-1/8" hole below intermediate casing to estimated total depth of 14,435' using a drilling mud as outlined below.
- a. Two-man logging unit is required from bottom intermediate casing to total depth.
  - b. Four DST's are anticipated.
5. Maintain drilling fluids as follows:

	Depth	Type	Weight	Viscosity	Water Loss
1)	0' - ± 6,500'	Water	To suit Contractor		-
2) ±	6,500' - ± 9,500'	Gel-Water	8.6 - 9.0#	30-40 Sec	+ 15 cc
3) ±	9,500' - ± 12,100'	Gel-Chem	9.0 - 12.0#	40-45 Sec	6-8 cc
4) ±	12,100' - TD	Gel-Chem	12.0 - 16.0#	45-55 Sec	4-6 cc

- (1) Drill Duchesne and Uinta Formations with water. If necessary to clean hole, use Gel to build viscosity.
- (2) Use Gel-Water to drill top Green River formation. Maintain low weight. Maintain good flow properties and hydraulics to reduce hole enlargement. Control solids with desander. Have degasser installed and operating.
- (3) Unless hole conditions warrant otherwise, mud-up operations will commence at ± 9,500'. Convert system to Gel-Chem. Maintain weight with ± 500 psi hydrostatic over balance. Carry 4-6% Diesel #2. Continue to maintain good flow properties and hydraulics to reduce hole enlargement. Control solids with desander. If loss circulation should develop, carry LCM (10:1 sawdust and fiber) as needed. Take precautions on trips to prevent formation breakdown. If loss circulation becomes severe, use temperature log to define and consider use of coarse walnut hulls and Mica or squeezes.

- (4) Continue to maintain weight with  $\pm$  500 psi hydrostatic over balance over anticipated formation pressure. Carry 6-8% Diesel #2. Maintain good flow properties. Control any gas cut mud with degasser and low Gel strengths. Maintain accurate checks of pit volumes and return mud weights during all operations. Keep hole full on trips.
6. Sampling, logging, testing, etc., to be in general conformance with Geologic Program.
7. If productive, run and cement 5" 18# P-110 FJ liner from TD to  $\pm$  11,900'.  
a. Liner to be equipped with proper set shoe, landing collar and hanger with tie-back sleeve but no packer.
8. Completion to be based on hole evaluation.

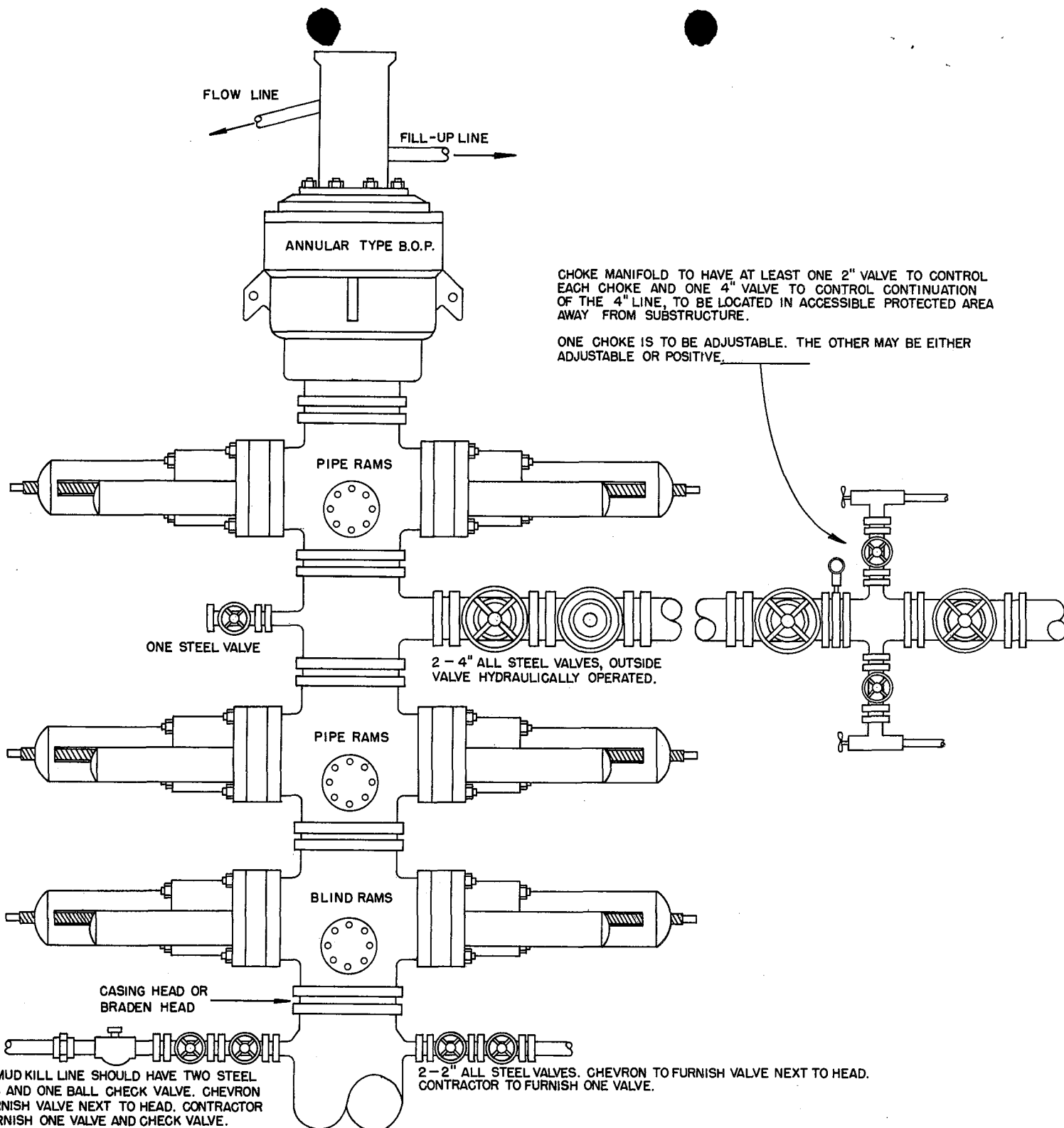
CH 12/1/71

  
J. W. GREER

JPH:gl

APPROVED: 

W. B. JACKSON



#### THE FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

- A. CONDITIONS MAY BE MET BY ANY COMBINATION OF HYDRAULICALLY OPERATED B.O.P.'s WHICH GIVE THE FOLLOWING COMBINATION:
  - (1) BLIND RAMS ON BOTTOM.
  - (2) PIPE RAMS ABOVE THE BLIND RAMS.
  - (3) CHOKE OUTLET AT LEAST FOUR INCHES DIAMETER.
  - (4) PIPE RAMS ABOVE CHOKE OUTLET.
  - (5) ANNULAR B.O.P. ON TOP.
- B. ALL CONNECTIONS TO BE FLANGED, STUDDED, OR CLAMPED.
- C. ALL CONNECTIONS FROM OPERATING MANIFOLDS TO PREVENTERS TO BE ALL STEEL HOSE OR TUBE A MINIMUM OF ONE INCH IN DIAMETER.
- D. ACCUMULATOR TO PROVIDE CLOSING PRESSURE AT LEAST 15% IN EXCESS OF THAT REQUIRED, WITH SUFFICIENT VOLUME TO OPERATE B.O.P.'s.
- E. ALL CONNECTIONS TO AND FROM PREVENTER TO HAVE A PRESSURE RATING EQUIVALENT TO THAT OF THE B.O.P.'s.
- F. MANUAL CONTROLS TO BE INSTALLED BEFORE DRILLING CEMENT PLUG.
- G. KELLY COCK TO BE INSTALLED ON KELLY.
- H. FULL OPENING SAFETY VALVE TO BE AVAILABLE ON RIG FLOOR.
- I. DUAL OPERATING CONTROLS, ONE LOCATED BY DRILLERS POSITION AND THE OTHER LOCATED A SAFE DISTANCE FROM THE RIG FLOOR.
- J. A REGULATING VALVE FOR THE ANNULAR B.O.P. IS REQUIRED.

**CHEVRON OIL COMPANY, WESTERN DIVISION**  
**ROCKY MOUNTAIN PRODUCTION DIVISION**  
**FOUR CLOSURE HYDRAULIC BLOWOUT PREVENTERS**  
**CLASS A-1**

CHEVRON OIL COMPANY – WESTERN DIVISION  
ROCKY MOUNTAIN PRODUCTION DIVISION

GENERAL INSTRUCTIONS AND REQUIREMENTS FOR BLOWOUT  
PREVENTION EQUIPMENT

I. ACCEPTABLE ACCUMULATOR UNITS

- A. FOR 8" AND LARGER BOP UNITS.
  - 1. HYDRIL 80 GALLON
  - 2. PAYNE 80 GALLON (4–20 GALLON UNITS MANIFOLDED TOGETHER)
  - 3. KOOMEY 88 GALLON (4–22 GALLON UNITS MANIFOLDED TOGETHER)
- B. FOR 6" BOP UNITS
  - 1. HYDRIL 40 GALLON
  - 2. PAYNE 40 GALLON (2–20 GALLON UNITS MANIFOLDED TOGETHER)
  - 3. KOOMEY 44 GALLON (2–22 GALLON UNITS MANIFOLDED TOGETHER)
- C. A VALVE SHALL BE PROVIDED FOR INTRODUCTION OF EMERGENCY ENERGY (SUCH AS BAKER HAND PUMP) FROM AN EXTERIOR SOURCE OTHER THAN THE ACCUMULATOR. A VALVE SHALL BE INSTALLED TO PREVENT FLOW FROM AN EXTERIOR SOURCE TO THE ACCUMULATOR UNIT.

II. CONTROL UNITS

- A. ALL VALVES TO BE CLEARLY LABELED TO INSURE PROPER OPERATION AND TO ELIMINATE THE POSSIBILITY OF CONFUSION.
- B. HAND WHEELS FOR PIPE AND BLANK RAMS SHALL BE CLEARLY LABELED AND IN PLACE AT ALL TIMES WITH CLEAR ACCESS. A BARRICADE SHALL BE INSTALLED FOR THE PROTECTION OF THE OPERATOR AT THESE MANUAL CONTROLS.

III. PREVENTOR UNITS

- A. PRESSURE RATING OF BOP EQUIPMENT WILL BE AS STATED IN THE CONTRACT OR ON THIS DRAWING.
- B. DRILLING NIPPLE AND BOP'S TO HAVE SUFFICIENT ID TO PASS HANGER FOR NEXT STRING OF CASING TO BE SET.
- C. NEW API BX RING GASKETS TO BE USED EACH TIME A FLANGE IS ASSEMBLED.
- D. FLANGE BOLTS ON BOP'S WILL BE TIGHTENED AFTER PRESSURE TESTS AND ONCE A WEEK ON A ROUTINE BASIS. CASINGHEAD BOLTS TO BE TIGHTENED DAILY.
- E. PREVENTORS ARE TO BE WELL BRACED.
- F. PRIOR TO RUNNING CASING, PIPE RAMS WILL BE CHANGED TO ACCOMMODATE SIZE OF CASING TO BE RUN.
- G. CASINGHEAD SHALL BE INSTALLED SO KILL LINE VALVES WILL BE UNDER BOP'S FOR PROTECTION. KILL LINE VALVES TO BE KEPT CLOSED AFTER PRESSURE TESTS.

IV. TESTING

- A. BLOWOUT PREVENTORS, ALL VALVES IN THE SYSTEM, KELLY COCK, SAFETY VALVE, STAND PIPE VALVES, ROTARY HOSE, ETC. ARE ALL TO BE TESTED TO THE WORKING PRESSURE OF THE BOP'S OR AS STATED IN THE CONTRACT.
- B. BOP SYSTEM IS TO BE TESTED UPON INSTALLATION AND EACH WEEK THEREAFTER, USING A TEST PLUG OR AT THE FREQUENCY STATED IN THE CONTRACT.
- C. ALL TESTING IS TO BE DONE WITH CLEAR OR DYED WATER.
- D. TESTING PROCEDURE IS TO BE CARRIED OUT SO EACH VALVE IS TESTED INDIVIDUALLY.

V. MISCELLANEOUS

- A. DRILL PIPE RUBBER, IN GOOD CONDITION, TO BE USED ON KELLY SAVER SUB AT ALL TIMES.
- B. A FULL OPENING VALVE IN THE STAND PIPE WITH A 2" VALVE DOWNSTREAM FOR CONNECTING A PUMP TRUCK ARE REQUIRED. THESE VALVES ARE TO HAVE THE SAME PRESSURE RATING AS THE BOP'S.
- C. CHECK WITH COMPANY REPRESENTATIVE FOR DIRECTION TO INSTALL OUTLET VALVES ON WELLHEAD.
- D. MODIFICATIONS OF HOOK-UP MUST BE APPROVED IN WRITING ON TOUR REPORTS BY COMPANY REPRESENTATIVE.

December 2, 1971

Chevron Oil Company  
Box 599  
Denver, Colorado

Re: B. Hartman Unit 1-31A3  
Sec. 31, T. 1 S, R. 3 W,  
Duchesne County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with the Order issued in Cause No. 139-4, dated June 24, 1971.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL-Chief Petroleum Engineer  
HOME: 277-2890  
OFFICE: 328-5771

Enclosed for your convenience please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

The API number assigned to this well is 43-013-30093.

Very truly yours,

DIVISION OF OIL AND GAS CONSERVATION

CLEON B. FEIGHT  
DIRECTOR

CBF:sd

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPPLICATE\*  
(Other instructions on reverse side)

### SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. FEE
2. NAME OF OPERATOR Chevron Oil Company - Western Division		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 599 Denver, Colorado 80201		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1019 ft. S of N & 1204 ft. W of E Line (NE/4 NE/4)		8. FARM OR LEASE NAME B. Hartman Unit
14. PERMIT NO.		9. WELL NO. 1-31A3
15. ELEVATIONS (Show whether DF, RT, OR, etc.) KB 6286		10. FIELD AND POOL, OR WILDCAT Altamont-Miles & 1-26
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 31, T1S, R3W, USB&M
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

16.

#### Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

FULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

Progress Report

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

See attached December Daily Progress Report.

STATE (3)

USGS (2)

REDWASH

18. I hereby certify that the foregoing is true and correct

SIGNED

J. W. Greer / WGB

TITLE

J. W. Greer  
Division Dirg. Supt.

DATE

1-3-72

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

p.w.

# CHEVRON OIL COMPANY

WESTERN DIVISION

OPERATOR: CHEVRON OIL COMPANY WELL NAME: CHEVRON B. HARTMAN UNIT #1-31A3  
FIELD: ALTAMONT LOCATION: NE $\frac{1}{4}$ , Sec. 31, T1S, R3W  
CONTRACTOR: R. L. MANNING Duchesne County, Utah

## DAILY DRILLING REPORT

12-17-71 50' drilling 15" hole. Spudded 8:00 PM 12-16-71. Location: 1019' FNL, 1204' FEL, Sec. 31, T1S, R3W, USBM, Duchesne County, Utah

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12-30-71 2516 testing BOPE.

1-3-72 4994' drilling. Finished testing 10" Ser. 900 BOPE to 3000 psi. Drilled out below 10-3/4" csg.

17  
Manning

# CHEVRON OIL COMPANY

WESTERN DIVISION

Denver, Colorado  
November 30, 1971

DRILLING PROGRAM  
CHEVRON ET AL  
B. HARTMAN UNIT #1-31A3  
ALTAMONT FIELD  
DUCHESNE COUNTY, UTAH

MR. W. B. JACKSON:

The following program is recommended for the drilling of Chevron et al B. Hartman Unit #1-31A3, Duchesne County, Utah.

1. Drill 15" hole to  $\pm$  2500'. Run 10-3/4" OD 40.5# J-55 casing to TD and cement to surface with 50/50 Pozmix containing 2% Gel and 2% CaCl tailed in with 200 sxs Type G cement containing 3% CaCl.
  - a. Casing to be fitted with guide shoe, baffle collar and  $\pm$  6 centralizers.
  - b. After  $\pm$  6 hours WOC, cut off casing and install 10" Seriex 900 Bradenhead.
  - c. Install 10" Series 900 BOPE per Chevron's specifications for Class "A-1" BOP Hookup.
  - d. Test BOPE, kelly, kelly cock, kelly hose, standpipe and all valves to 3000 psi with clear water. Test casing to 1500 psi with water before drilling out.
2. Drill 8-3/4" hole below surface casing to depth of  $\pm$  12,100' using a drilling mud as outlined below.
  - a. One-man mud logging unit is required from 5000' to 10,000' and two-man from 10,000' to  $\pm$  12,100'.
  - b. Two DST's are anticipated.
3. Run 7" OD 26# S-95 intermediate casing to TD. Cement with 50/50 Pozmix containing 2% Gel, 10% salt and fluid loss control and turbulent inducer additives from TD to  $\pm$  9500'.
  - a. Casing to be equipped with washdown-whirler differential fillup shoe and differential fillup collar. Install centralizers and baskets as warranted throughout cement column.



- b. Displace cement in turbulent flow while reciprocating pipe until plug is bumped. All fluid behind casing to be treated with Hydrazine.
  - c. Drop slips immediately, cut off casing and install 10" Series 900 x 1500 casing head spool and 10" x 6" Series 1500 tubing head.
  - d. Install 6" Series 1500 BOPE per Chevron's specifications for Class "A-1" BOP Hookup.
  - e. Test BOPE, kelly, kelly cock, kelly hose, standpipe and all valves to 5000 psi with clear water. Test casing to 5000 psi with water before drilling out.
4. Drill 6-1/8" hole below intermediate casing to estimated total depth of 14,435' using a drilling mud as outlined below.
- a. Two-man logging unit is required from bottom intermediate casing to total depth.
  - b. Four DST's are anticipated.
5. Maintain drilling fluids as follows:

	Depth		Type	Weight	Viscosity	Water Loss
1)	0' - ±	6,500'	Water	To suit Contractor		
2) ±	6,500' - ±	9,500'	Gel-Water	8.6 - 9.0#	30-40 Sec	+ -
3) ±	9,500' - ±	12,100'	Gel-Chem	9.0 - 12.0#	40-45 Sec	- 15 cc
4) ±	12,100' -	TD	Gel-Chem	12.0 - 16.0#	45-55 Sec	6-8 cc
						4-6 cc

- (1) Drill Duchesne and Uinta Formations with water. If necessary to clean hole, use Gel to build viscosity.
- (2) Use Gel-Water to drill top Green River formation. Maintain low weight. Maintain good flow properties and hydraulics to reduce hole enlargement. Control solids with desander. Have degasser installed and operating.
- (3) Unless hole conditions warrant otherwise, mud-up operations will commence at ± 9,500'. Convert system to Gel-Chem. Maintain weight with ± 500 psi hydrostatic over balance. Carry 4-6% Diesel #2. Continue to maintain good flow properties and hydraulics to reduce hole enlargement. Control solids with desander. If loss circulation should develop, carry LCM (10:1 sawdust and fiber) as needed. Take precautions on trips to prevent formation breakdown. If loss circulation becomes severe, use temperature log to define and consider use of coarse walnut hulls and Mica or squeezes.

- (4) Continue to maintain weight with  $\pm$  500 psi hydrostatic over balance over anticipated formation pressure. Carry 6-8% Diesel #2. Maintain good flow properties. Control any gas cut mud with degasser and low Gel strengths. Maintain accurate checks of pit volumes and return mud weights during all operations. Keep hole full on trips.
6. Sampling, logging, testing, etc., to be in general conformance with Geologic Program.
7. If productive, run and cement 5" 18# P-110 FJ liner from TD to  $\pm$  11,900'.  
a. Liner to be equipped with proper set shoe, landing collar and hanger with tie-back sleeve but no packer.
8. Completion to be based on hole evaluation.

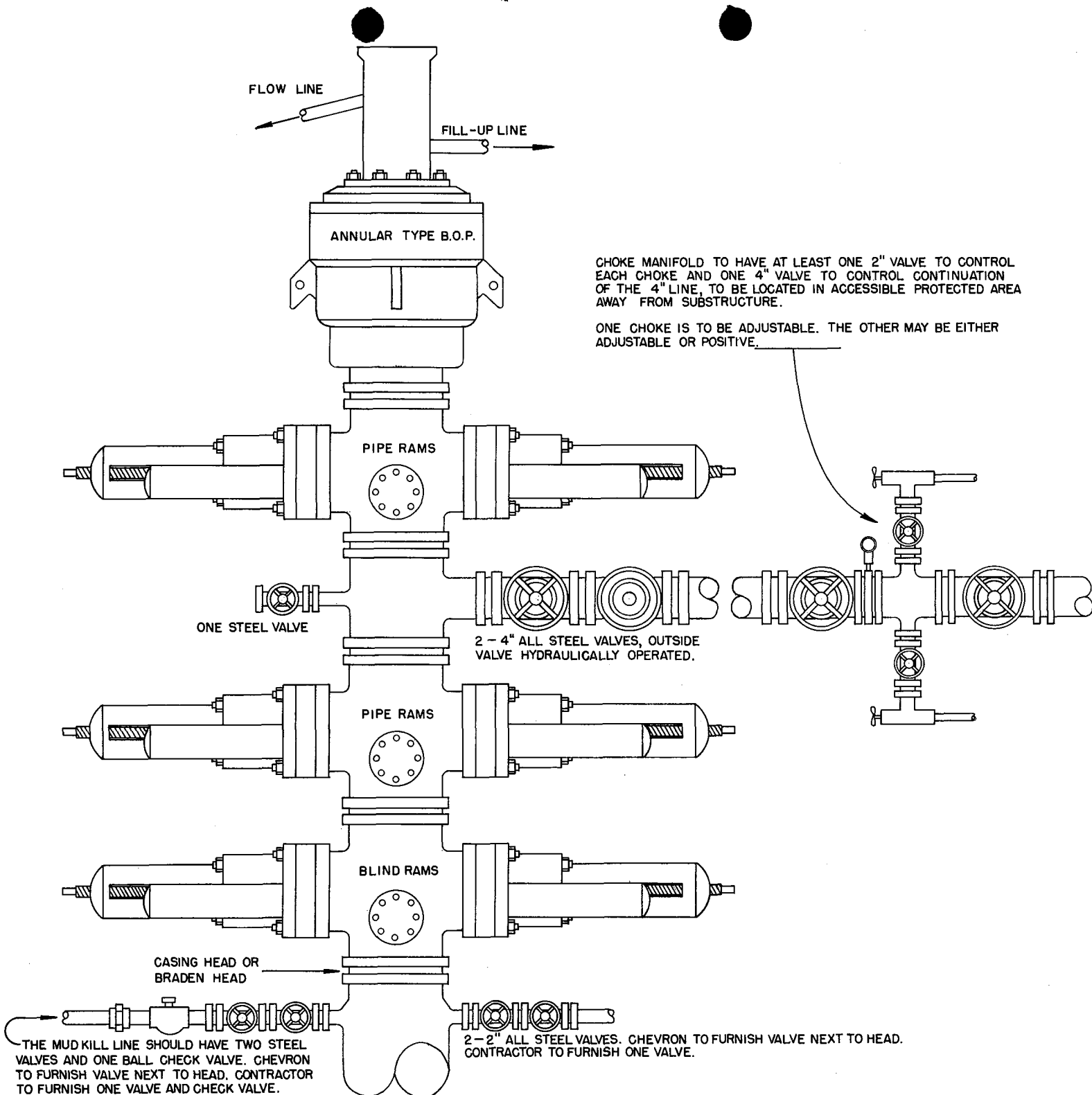
CAH  
12/1/71

  
J. W. GREER

JPH:gl

APPROVED: 

W. B. JACKSON



#### THE FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

- A. CONDITIONS MAY BE MET BY ANY COMBINATION OF HYDRAULICALLY OPERATED B.O.P.'s WHICH GIVE THE FOLLOWING COMBINATION:
  - (1) BLIND RAMS ON BOTTOM.
  - (2) PIPE RAMS ABOVE THE BLIND RAMS.
  - (3) CHOKE OUTLET AT LEAST FOUR INCHES DIAMETER.
  - (4) PIPE RAMS ABOVE CHOKE OUTLET.
  - (5) ANNULAR B.O.P. ON TOP.
- B. ALL CONNECTIONS TO BE FLANGED, STUDDED, OR CLAMPED.
- C. ALL CONNECTIONS FROM OPERATING MANIFOLDS TO PREVENTERS TO BE ALL STEEL HOSE OR TUBE A MINIMUM OF ONE INCH IN DIAMETER.
- D. ACCUMULATOR TO PROVIDE CLOSING PRESSURE AT LEAST 15% IN EXCESS OF THAT REQUIRED, WITH SUFFICIENT VOLUME TO OPERATE B.O.P.'s.
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- G. KELLY COCK TO BE INSTALLED ON KELLY.
- H. FULL OPENING SAFETY VALVE TO BE AVAILABLE ON RIG FLOOR.
- I. DUAL OPERATING CONTROLS, ONE LOCATED BY DRILLERS POSITION AND THE OTHER LOCATED A SAFE DISTANCE FROM THE RIG FLOOR.
- J. A REGULATING VALVE FOR THE ANNULAR B.O.P. IS REQUIRED.

**CHEVRON OIL COMPANY, WESTERN DIVISION**  
**ROCKY MOUNTAIN PRODUCTION DIVISION**  
**FOUR CLOSURE HYDRAULIC BLOWOUT PREVENTERS**  
**CLASS A-1**

CHEVRON OIL COMPANY – WESTERN DIVISION  
ROCKY MOUNTAIN PRODUCTION DIVISION

GENERAL INSTRUCTIONS AND REQUIREMENTS FOR BLOWOUT  
PREVENTION EQUIPMENT

I. ACCEPTABLE ACCUMULATOR UNITS

- A. FOR 8" AND LARGER BOP UNITS.
  - 1. HYDRIL 80 GALLON
  - 2. PAYNE 80 GALLON (4–20 GALLON UNITS MANIFOLDED TOGETHER)
  - 3. KOOMEY 88 GALLON (4–22 GALLON UNITS MANIFOLDED TOGETHER)
- B. FOR 6" BOP UNITS
  - 1. HYDRIL 40 GALLON
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II. CONTROL UNITS

- A. ALL VALVES TO BE CLEARLY LABELED TO INSURE PROPER OPERATION AND TO ELIMINATE THE POSSIBILITY OF CONFUSION.
- B. HAND WHEELS FOR PIPE AND BLANK RAMS SHALL BE CLEARLY LABELED AND IN PLACE AT ALL TIMES WITH CLEAR ACCESS. A BARRICADE SHALL BE INSTALLED FOR THE PROTECTION OF THE OPERATOR AT THESE MANUAL CONTROLS.

III. PREVENTOR UNITS

- A. PRESSURE RATING OF BOP EQUIPMENT WILL BE AS STATED IN THE CONTRACT OR ON THIS DRAWING.
- B. DRILLING NIPPLE AND BOP'S TO HAVE SUFFICIENT ID TO PASS HANGER FOR NEXT STRING OF CASING TO BE SET.
- C. NEW API BX RING GASKETS TO BE USED EACH TIME A FLANGE IS ASSEMBLED.
- D. FLANGE BOLTS ON BOP'S WILL BE TIGHTENED AFTER PRESSURE TESTS AND ONCE A WEEK ON A ROUTINE BASIS. CASINGHEAD BOLTS TO BE TIGHTENED DAILY.
- E. PREVENTORS ARE TO BE WELL BRACED.
- F. PRIOR TO RUNNING CASING, PIPE RAMS WILL BE CHANGED TO ACCOMMODATE SIZE OF CASING TO BE RUN.
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- A. BLOWOUT PREVENTORS, ALL VALVES IN THE SYSTEM, KELLY COCK, SAFETY VALVE, STAND PIPE VALVES, ROTARY HOSE, ETC. ARE ALL TO BE TESTED TO THE WORKING PRESSURE OF THE BOP'S OR AS STATED IN THE CONTRACT.
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V. MISCELLANEOUS

- A. DRILL PIPE RUBBER, IN GOOD CONDITION, TO BE USED ON KELLY SAVER SUB AT ALL TIMES.
- B. A FULL OPENING VALVE IN THE STAND PIPE WITH A 2" VALVE DOWNSTREAM FOR CONNECTING A PUMP TRUCK ARE REQUIRED. THESE VALVES ARE TO HAVE THE SAME PRESSURE RATING AS THE BOP'S.
- C. CHECK WITH COMPANY REPRESENTATIVE FOR DIRECTION TO INSTALL OUTLET VALVES ON WELLHEAD.
- D. MODIFICATIONS OF HOOK-UP MUST BE APPROVED IN WRITING ON TOUR REPORTS BY COMPANY REPRESENTATIVE.

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

# SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.

Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

B. Hartman Unit

9. WELL NO.

1-31A3

10. FIELD AND POOL, OR WILDCAT

Altamont-Miles &amp; 1-26

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 31, T1S, R3W, USBM

12. COUNTY OR PARISH 13. STATE

Duchesne

Utah

1.

OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Chevron Oil Company - Western Division

3. ADDRESS OF OPERATOR

P. O. Box 599 Denver, Colorado 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface1019 ft. S of N & 1204 ft. W of E Line (NE $\frac{1}{4}$ NE $\frac{1}{4}$ )

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, OR, etc.)

KB 6286

16.

## Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☐CHANGE PLANS ☐

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☐Progress Report ☒

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

see attached January, 1972 Daily Progress Report.

18. I hereby certify that the foregoing is true and correct

SIGNED

*J. W. Greer*

TITLE

J. W. Greer

Division Dirg. Supt.

DATE

2-8-72

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

# CHEVRON OIL COMPANY

## WESTERN DIVISION

OPERATOR: CHEVRON OIL COMPANY

WELL NAME: CHEVRON B. HARTMAN UNIT #1-31A3

FIELD: ALTAMONT

LOCATION: NE $\frac{1}{4}$ , Sec. 31, T1S, R3W  
Duchesne County, Utah

CONTRACTOR: R. L. MANNING

### DAILY DRILLING REPORT

12-17-71 50' drilling 15" hole. Spudded 8:00 PM 12-16-71. Location: 1019' FNL, 1204' FEL, Sec. 31, T1S, R3W, USBM, Duchesne County, Utah

12-20-71 170' drilling 15" surface hole. Drilled 15" hole to 76'. Reamed to 22". Set 18" conductor at 60' with 150 sks. WOC 12:00 PM 12-17-71

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12-30-71 2516 testing BOPE.

1-3-72 4994' drilling. Finished testing 10" Ser. 900 BOPE to 3000 psi. Drilled out below 10-3/4" csg.

1-4-72 5443' drilling.

1-5-72 5734' tripping for new bit.

1-6-72 5957' tripping for bit.

1-7-72 6273' drilling.

1-10-72 7208' drilling.

1-11-72 7591' drilling.

1-12-72 7637' drilling.

# CHEVRON OIL COMPANY

WESTERN DIVISION

OPERATOR: CHEVRON OIL COMPANY

WELL NAME: CHEVRON B. HARTMAN UNIT #1-31A3

FIELD: ALTAMONT

LOCATION: NE $\frac{1}{4}$ , Sec. 31, T1S, R3W  
Duchesne County, Utah

CONTRACTOR: R. L. MANNING

## DAILY DRILLING REPORT

---

1-13-72	7927' drilling.
1-14-72	8022' drilling.
1-17-72	8548' drilling.
1-18-72	8747' drilling.
1-19-72	8902' drilling.
1-20-72	9020' drilling.
1-21-72	9245' drilling.
1-24-72	9826' drilling.
1-25-72	10,063' drilling.
1-26-72	10,300' drilling.
1-27-72	10,533' drilling.
1-28-72	10,730' drilling.
1-31-72	11,020' drilling.
2-1-72	11,123' trip.
2-2-72	11,156' trip.
2-3-72	11,260' drilling.
2-4-72	11,394' drilling.
2-7-72	11,520' cond. mud.
2-8-72	11,562' drilling.

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

# SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR Chevron Oil Company - Western Division		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 599 Denver, Colorado 80201		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1019 ft. S of N & 1204 ft. W of E Line (NE $\frac{1}{4}$ NE $\frac{1}{4}$ )		8. FARM OR LEASE NAME B. Hartman Unit
14. PERMIT NO.		9. WELL NO. 1-31A3
15. ELEVATIONS (Show whether DF, RT, OR, etc.) KB 6286		10. FIELD AND POOL, OR WILDCAT Altamont-Miles & 1-26
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 31, T1s, R3w, USBM
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	Progress Report <input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

See attached Feb., 1972 Daily Progress Report.

18. I hereby certify that the foregoing is true and correct

SIGNED J. W. Greer TITLE Division Drlg. Supt. DATE 3-6-72

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:



# CHEVRON OIL COMPANY

## WESTERN DIVISION

OPERATOR: CHEVRON OIL COMPANY

WELL NAME: CHEVRON B. HARTMAN UNIT #1-31A3

FIELD: ALTAMONT

LOCATION: NE<sup>1</sup>/<sub>4</sub>, Sec. 31, T1S, R3W  
Duchesne County, Utah

CONTRACTOR: R. L. MANNING

### DAILY DRILLING REPORT

---

1-13-72	7927' drilling.
1-14-72	8022' drilling.
1-17-72	8548' drilling.
1-18-72	8747' drilling.
1-19-72	8902' drilling.
1-20-72	9020' drilling.
1-21-72	9245' drilling.
1-24-72	9826' drilling.
1-25-72	10,063' drilling.
1-26-72	10,300' drilling.
1-27-72	10,533' drilling.
1-28-72	10,730' drilling.
1-31-72	11,020' drilling.
2-1-72	11,123' trip.
2-2-72	11,156' trip.
2-3-72	11,260' drilling.
2-4-72	11,394' drilling.
2-7-72	11,520' cond. mud.
2-8-72	11,562' drilling.
2-9-72	11,634' building mud volume.

# CHEVRON OIL COMPANY

WESTERN DIVISION

OPERATOR: CHEVRON OIL COMPANY

WELL NAME: CHEVRON B. HARTMAN UNIT #1-31A3

FIELD: ALTAMONT

LOCATION: NE $\frac{1}{4}$ , Sec. 31, T1S, R3W  
Duchesne County, Utah

CONTRACTOR: R. L. MANNING

## DAILY DRILLING REPORT

---

2-10-72 11,715' drilling.

2-11-72 11,717' circ. btm up prior to drlg.

2-14-72 11,983' drilling.

2-15-72 12,060' Prep to log.

2-16-72 12,060' cond. hole for csg.

2-17-72 12,060' laying down DP.

2-18-72 12,060' building mud volume.

2-22-72 12,060' repairing rig.

2-23-72 12,064' drlg. 2-22-72 Rebuilt mud vol and pumped 440 bbl without returns. Cmt'd 7" OD csg @ 12,060' with 675 sx without returns. Ran GR-CBL and found top cmt 9254' with good-fair bond. Started running 4" drl pipe when main shaft went out.

2-24-72 12,079' trip.

2-25-72 12,177' drilling.

2-28-72 12,454' drilling.

2-29-72 12,493' trip.

3-1-72 12,560' drilling.

3-2-72 12,654' drilling.

3-3-72 12,705' drilling.

3-6-72 12,852' drilling.

3-7-72 12,918' drilling. ✓

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR Chevron Oil Company - Western Division		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 599 Denver, Colorado 80201		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  1019 ft. S of N & 1024 ft. W of E Line (NE $\frac{1}{4}$ NE $\frac{1}{4}$ )		8. FARM OR LEASE NAME B. Hartman Unit
14. PERMIT NO.		9. WELL NO. 1-31A3
15. ELEVATIONS (Show whether DF, RT, GR, etc.) KB 6286		10. FIELD AND POOL, OR WILDCAT Altamont-Miles & 1-26
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 31, T1S, R3W, USBM
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON\* ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT\* ☐

Progress Report ☒

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

See attached March, 1972 Daily Drilling Progress Report.

18. I hereby certify that the foregoing is true and correct

SIGNED

*J. W. Greer*

TITLE

J. W. Greer  
Division Drlg. Supt.

DATE

4-5-72

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

# CHEVRON OIL COMPANY

WESTERN DIVISION

OPERATOR: CHEVRON OIL COMPANY

WELL NAME: CHEVRON B. HARTMAN UNIT #1-31A3

FIELD: ALTAMONT

LOCATION: NE $\frac{1}{4}$ , Sec. 31, T1S, R3W  
Duchesne County, Utah

CONTRACTOR: R. L. MANNING

## DAILY DRILLING REPORT

2-10-72 11,715' drilling.

2-11-72 11,717' circ. btm up prior to drlg.

2-14-72 11,983' drilling.

2-15-72 12,060' Prep to log.

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2-25-72 12,177' drilling.

2-28-72 12,454' drilling.

2-29-72 12,493' trip.

3-1-72 12,560' drilling.

3-2-72 12,654' drilling.

3-3-72 12,705' drilling.

3-6-72 12,852' drilling.

3-7-72 12,918' drilling.

3-8-72 12,946' drilling.

3-9-72 12,957' drilling.

# CHEVRON OIL COMPANY

WESTERN DIVISION

OPERATOR: CHEVRON OIL COMPANY

WELL NAME: CHEVRON B. HARTMAN UNIT #1-31A3

FIELD: ALTAMONT

LOCATION: NE $\frac{1}{4}$ , Sec. 31, T1S, R3W  
Duchesne County, Utah

CONTRACTOR: R. L. MANNING

## DAILY DRILLING REPORT

---

3-10-72	13,032' drilling.
3-13-72	13,178' drilling.
3-14-72	13,262' drilling.
3-15-72	13,293' drilling.
3-16-72	13,330' trip.
3-17-72	13,354' drilling.
3-20-72	13,531' trip.
3-21-72	13,531' drilling.
3-22-72	13,625' drilling.
3-23-72	13,729' drilling.
3-24-72	13,825' drilling.
3-27-72	13,939' drilling.
3-28-72	14,052' drlg.
3-29-72	14,153' drlg.
3-30-72	14,173' drlg.
3-31-72	14,283' drilling.
4-3-72	TD 14,460' fishing.
4-4-72	TD 14,460' fishing.
4-5-72	TD 14,460' trip. Recovered fish.
4-6-72	TD 14,500' Tripping.

# CHEVRON OIL COMPANY

WESTERN DIVISION

OPERATOR: CHEVRON OIL COMPANY

WELL NAME: CHEVRON B. HARTMAN UNIT #1-31A3

FIELD: ALTAMONT

LOCATION: NE $\frac{1}{4}$ , Sec. 31, T1S, R3W  
Duchesne County, Utah

CONTRACTOR: R. L. MANNING

## DAILY DRILLING REPORT

- 4-11-72 14,500' TD. Drlg. out. Finished picking up 2-7/8" tbg and tagged top of liner 11,835'. Drlg out flapper valves @ 11,848' & landing collar @ 14,414'. Found no cmt to 14,470'. Drid out soft cmt to 14,478'.
- 4-12-72 14,500' TD. Rigging up to pick up tbg.
- 4-13-72 14,500' TD. 14,485' PBD. Cond. mud. Finished PU frac string.
- 4-14-72 14,485' PBD. Perforating.
- 4-17-72 14,485' PBD. Fracing perfs 14,439-13,972.
- 4-18-72 14,485' PBD. Attempting to frac. Spotted acid to pkr @ 13,926 and set pkr for first stage frac. Press up to 10,000 psi but unable to break down perfs 13,972-14,439. Release pkr and reversed out acid. Lowered pkr & spotted 500 gal. acid across perfs. Set pkr 13,926. Pumped in & broke down perfs @ 4500 psi w/mud in tbg. Spotted acid for first stage frac of perfs 13,972-14,439. Set pkr & pumped in @ 3 bbls/min @ 9000 psi. After 1 $\frac{1}{2}$  bbls of acid in formation, press went to 9500 psi. Shut down & bled off tbg press to zero. Pumped 5 $\frac{1}{2}$  bbls acid @ 3 bbls/min w/8200 psi before balling out @ 9200 psi. Bled off press. Pumped in another 6 bbls acid @ 2 bbls/min @ 8600 psi before balling out. Bled off press again. Pumped in another 5 $\frac{1}{2}$  bbls acid @ 2 bbls/min w/8400-8600 psi before balling out. Bled off press. Pumped in add'l 4 bbls acid @ 2 bbls/min w/8800 psi before balling out. Total acid in 22 $\frac{1}{2}$  bbls. Lack 43 $\frac{1}{2}$  bbls acid to get in. Bled off tbg press & waiting for balls to drop off. Plan to postpone frac until adding T-105 tbg to top of string for higher surface pressure.
- 4-19-72 14,485' PBD. Tripping. Worked total of 29 bbls acid into formation after repressuring to 9200-9500 psi. 3 more times. Unable to work any more acid into formation. Appears only 1 to 2 holes open. Released pkr & reversed out oil & remaining acid. Rigged down frac equip. Lowered pkr & picked up RBP. POOH w/tbg. Now going in hole w/pkr only to perform frac of perf. 13,972-14,439 after arrival of P-105 tbg string to attain higher surface pressures.

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

# SUNDRY NOTICES AND REPORTS ON WELLS

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1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Fee
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3. ADDRESS OF OPERATOR P. O. Box 599 Denver, Colorado 80201		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1019 ft. S of N & 1024 ft. W of E Line (NE $\frac{1}{4}$ NE $\frac{1}{4}$ )		8. FARM OR LEASE NAME B. Hartman Unit
14. PERMIT NO.		9. WELL NO. 1-31A3
15. ELEVATIONS (Show whether DF, RT, OR, etc.) KB 6286		10. FIELD AND POOL, OR WILDCAT Altamont-Miles & 1-26
		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA S31, T1S, R3W USB&M
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

### NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		<input type="checkbox"/>

### SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other)	<input type="checkbox"/>	Progress Report	<input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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See attached April, 1972 daily drilling progress report.

18. I hereby certify that the foregoing is true and correct

SIGNED

*J. W. Greer*

TITLE

J. W. Greer

Division Drlg. Supt.

DATE

5-2-72

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

# CHEVRON OIL COMPANY

WESTERN DIVISION

OPERATOR: CHEVRON OIL COMPANY

WELL NAME: CHEVRON B. HARTMAN UNIT #1-31A3

FIELD: ALTAMONT

LOCATION: NE $\frac{1}{4}$ , Sec. 31, T1S, R3W  
Duchesne County, Utah

CONTRACTOR: R. L. MANNING

## DAILY DRILLING REPORT

3-10-72 13,032' drilling.  
3-13-72 13,178' drilling.  
3-14-72 13,262' drilling.  
3-15-72 13,293' drilling.  
3-16-72 13,330' trip.  
3-17-72 13,354' drilling.  
3-20-72 13,531' trip.  
3-21-72 13,531' drilling.  
3-22-72 13,625' drilling.  
3-23-72 13,729' drilling.  
3-24-72 13,825' drilling.  
3-27-72 13,939' drilling.  
3-28-72 14,052' drlg.  
3-29-72 14,153' drlg.  
3-30-72 14,173' drlg.  
3-31-72 14,283' drilling.  
4-3-72 TD 14,460' fishing.  
4-4-72 TD 14,460' fishing.  
4-5-72 TD 14,460' trip. Recovered fish.  
4-6-72 TD 14,500' Tripping.  
4-7-72 TD 14,500' Trip. Ran logs: DIL, BHC-Sonic. Schl. TD 14,481'.  
4-10-72 TD 14,500'. PU tbgs. Ran 63 jts. 2662', 5" OD, 18#, P-110 FJ lnr. Hanger @ 11,835'. Landed 14,497'. Cmt'd w/300 sx. Good circ. Set pkr & sqzd 6 bbls cmt @ 3/4 BPM @ zero-1050 psi. Float held. WOC 8 PM 4/8/72. Rev. out 34 bbls cmt. POOH. Ran 6-1/8" bit, no cmt above lnr. Layed down DP. Picked up

CCRS



# CHEVRON OIL COMPANY

WESTERN DIVISION

OPERATOR: CHEVRON OIL COMPANY

WELL NAME: CHEVRON B. HARTMAN UNIT #1-31A3

FIELD: ALTAMONT

LOCATION: NE<sup>1</sup>/<sub>4</sub>, Sec. 31, T1S, R3W  
Duchesne County, Utah

CONTRACTOR: R. L. MANNING

## DAILY DRILLING REPORT

- 4-11-72 14,500' TD. Drlg. out. Finished picking up 2-7/8" tbg and tagged top of liner 11,835'. Drlg out flapper valves @ 11,848' & landing collar @ 14,414'. Found no cmt to 14,470'. Drlg out soft cmt to 14,478'.
- 4-12-72 14,500' TD. Rigging up to pick up tbg.
- 4-13-72 14,500' TD. 14,485' PBD. Cond. mud. Finished PU frac string.
- 4-14-72 14,485' PBD. Perforating.
- 4-17-72 14,485' PBD. Fracing perfs 14,439-13,972.
- 4-18-72 14,485' PBD. Attempting to frac. Spotted acid to pkr @ 13,926 and set pkr for first stage frac. Press up to 10,000 psi but unable to break down perfs 13,972-14,439. Release pkr and reversed out acid. Lowered pkr & spotted 500 gal. acid across perfs. Set pkr 13,926. Pumped in & broke down perfs @ 4500 psi w/mud in tbg. Spotted acid for first stage frac of perfs 13,972-14,439. Set pkr & pumped in @ 3 bbls/min @ 9000 psi. After 1½ bbls of acid in formation, press went to 9500 psi. Shut down & bled off tbg press to zero. Pumped 5½ bbls acid @ 3 bbls/min w/8200 psi before balling out @ 9200 psi. Bled off press. Pumped in another 6 bbls acid @ 2 bbls/min @ 8600 psi before balling out. Bled off press again. Pumped in another 5½ bbls acid @ 2 bbls/min w/8400-8600 psi before balling out. Bled off press. Pumped in add'l 4 bbls acid @ 2 bbls/min w/8800 psi before balling out. Total acid in 22½ bbls. Lack 43½ bbls acid to get in. Bled off tbg press & waiting for balls to drop off. Plan to postpone frac until adding T-105 tbg to top of string for higher surface pressure.
- 4-19-72 14,485' PBD. Tripping. Worked total of 29 bbls acid into formation after repressuring to 9200-9500 psi. 3 more times. Unable to work any more acid into formation. Appears only 1 to 2 holes open. Released pkr & reversed out oil & remaining acid. Rigged down frac equip. Lowered pkr & picked up RBP. POOH w/tbg. Now going in hole w/pkr only to perform frac of perf. 13,972-14,439 after arrival of P-105 tbg string to attain higher surface pressures.

# CHEVRON OIL COMPANY

WESTERN DIVISION

OPERATOR: CHEVRON OIL COMPANY

WELL NAME: CHEVRON B. HARTMAN UNIT #1-31A3

FIELD: ALTAMONT

LOCATION: NE $\frac{1}{4}$ , Sec. 31, T1S, R3W  
Duchesne County, Utah

CONTRACTOR: R. L. MANNING

## DAILY DRILLING REPORT

- 4-20-72 14,485' PBTD. WO P-105 tbg to frac @ higher pressure.
- 4-21-72 14,485' PBTD. Attempting to reset pkr for frac. RIH & set pkr @ 14,450'. Tested tbg to 9500 psi. Rel. pkr. Spotted 500 gal. acid across perfs 13,972-14,439'. Installed 3 jts of P-105 tbg at top.
- 4-24-72 14,485' PBTD Tripping. Attempted to reset pkr w/no success. POOH. RIH w/new pkr & set @ 14,450'. Press tbg to 9500 psi & press broke to 2300 psi. POOH checking for hole in tbg on bad pkr w/no success. RIH w/new pkr to top of liner. Dropped test ball & circ @ 2 bbls/min w/1200 psi. POOH & found 8" split below box in 7th jt of 2-7/8" tbg above pkr. RIH w/new pkr & set @ 14,452'. Tested tbg to 9500 psi. PU & reset pkr @ 13,932'. Spotted 4000 gal. acid. Started frac & tbg parted @ 10,100 psi w/300 gal. oil behind acid. PU & reversed out acid. POOH w/4199' tbg & split collar on bottom. RIH w/overshot & engaged fish. Released pkr & reversed out acid in fish. Now POOH w/fish.
- 4-25-72 PBTD 14,485'. Cond. mud. Rec. fish. Layed down 3-1/2" to inspect. RIH w/4-1/8" bit on 2-7/8" tbg.
- 4-26-72 PBTD 14,485'. Prep to pull tbg & reperf.
- 4-27-72 PBTD 14,485'. PU frac string.
- 4-28-72 PBTD 14,485'. Tripping. Finished PU 3 1/2" tbg. Broke circ @ top of liner. Now going in hole to test tbg string & spot 500 gal. acid across perfs 13,972-14,439 for frac.
- 5-1-72 PBTD 14,485'. Tripping. Sptd 500 gal. acid across perfs 13,972-14,439'. Could not reset pkr. POOH. Reran new pkr & set @ 13,928'. Sptd 4000 gal. acid. Frac 13,972-14,439 w/4000 gal. acid, 6000 gal. My-T-Oil, 4000 gal. My-T-Oil w/1/2 ppg sand, 3100 gal. My-T-Oil w/1/2 ppg glass beads. Over rate 10-11 BPM, press 10,800-11,000 psi. Started screening out @ 1-3 BPM, press 11,000-13,200 psi. Tubing split. Rev. out. POOH, tbg split @ 6718'. Set CIBP @ 13,950'. Perf 23 holes 13,605-892'. Now rng pkr.
- 5-2-72 14,485' PBTD. Prep to frac. RIH w/pkr. Tested tbg string & CIBP to 9500 psi. Spotted 400 gal. acid across perfs 13,605-892. Picked up & set pkr @ 13,532. Now spotting acid for breakdown & frac.

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPPLICATE\*  
(Other instructions on reverse side)

### SUNDRY NOTICES AND REPORTS ON WELLS

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1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR Chevron Oil Company - Western Division		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
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		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

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SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

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(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT\* ☐

Progress Report ☒

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

See attached April, 1972 daily drilling progress report.

18. I hereby certify that the foregoing is true and correct

SIGNED

*J. W. Greer*

TITLE

J. W. Greer

Division Drlg. Supt.

DATE

5-2-72

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

# CHEVRON OIL COMPANY

WESTERN DIVISION

OPERATOR: CHEVRON OIL COMPANY

WELL NAME: CHEVRON B. HARTMAN UNIT #1-31A3

FIELD: ALTAMONT

LOCATION: NE $\frac{1}{4}$ , Sec. 31, T1S, R3W  
Duchesne County, Utah

CONTRACTOR: R. L. MANNING

## DAILY DRILLING REPORT

3-10-72	13,032' drilling.
3-13-72	13,178' drilling.
3-14-72	13,262' drilling.
3-15-72	13,293' drilling.
3-16-72	13,330' trip.
3-17-72	13,354' drilling.
3-20-72	13,531' trip.
3-21-72	13,531' drilling.
3-22-72	13,625' drilling.
3-23-72	13,729' drilling.
3-24-72	13,825' drilling.
3-27-72	13,939' drilling.
3-28-72	14,052' drlg.
3-29-72	14,153' drlg.
3-30-72	14,173' drlg.
3-31-72	14,283' drilling.
4-3-72	TD 14,460' fishing.
4-4-72	TD 14,460' fishing.
4-5-72	TD 14,460' trip. Recovered fish.
4-6-72	TD 14,500' Tripping.
4-7-72	TD 14,500' Trip. Ran logs: DIL, BHC-Sonic. Schl. TD 14,481'.
4-10-72	TD 14,500'. PU tbg. Ran 63 jts. 2662', 5" OD, 18#, P-110 FJ lnr. Hanger @ 11,835'. Landed 14,497'. Cmted w/300 sx. Good circ. Set pkr & sqzd 6 bbls cmt @ 3/4 BPM @ zero-1050 psi. Float held. WOC 3 PM 4/8/72. Rev. out 34 bbls cmt. POOH. Ran 6-1/8" bit, no cmt above lnr. Layed down DP. Picked up

CCRS

W

# CHEVRON OIL COMPANY

WESTERN DIVISION

OPERATOR: CHEVRON OIL COMPANY

WELL NAME: CHEVRON B. HARTMAN UNIT #1-31A3

FIELD: ALTAMONT

LOCATION: NE<sup>1</sup>/<sub>4</sub>, Sec. 31, T1S, R3W  
Duchesne County, Utah

CONTRACTOR: R. L. MANNING

## DAILY DRILLING REPORT

- 4-11-72 14,500' TD. Drlg. out. Finished picking up 2-7/8" tbg and tagged top of liner 11,835'. Drlg out flapper valves @ 11,848' & landing collar @ 14,414'. Found no cmt to 14,470'. Drid out soft cmt to 14,478'.
- 4-12-72 14,500' TD. Rigging up to pick up tbg.
- 4-13-72 14,500' TD. 14,485' PBD. Cond. mud. Finished PU frac string.
- 4-14-72 14,485' PBD. Perforating.
- 4-17-72 14,485' PBD. Fracing perfs 14,439-13,972.
- 4-18-72 14,485' PBD. Attempting to frac. Spotted acid to pkr @ 13,926 and set pkr for first stage frac. Press up to 10,000 psi but unable to break down perfs 13,972-14,439. Release pkr and reversed out acid. Lowered pkr & spotted 500 gal. acid across perfs. Set pkr 13,926. Pumped in & broke down perfs @ 4500 psi w/mud in tbg. Spotted acid for first stage frac of perfs 13,972-14,439. Set pkr & pumped in @ 3 bbls/min @ 9000 psi. After 1½ bbls of acid in formation, press went to 9500 psi. Shut down & bled off tbg press to zero. Pumped 5½ bbls acid @ 3 bbls/min w/8200 psi before balling out @ 9200 psi. Bled off press. Pumped in another 6 bbls acid @ 2 bbls/min @ 8600 psi before balling out. Bled off press again. Pumped in another 5½ bbls acid @ 2 bbls/min w/8400-8600 psi before balling out. Bled off press. Pumped in add'l 4 bbls acid @ 2 bbls/min w/8800 psi before balling out. Total acid in 22½ bbls. Lack 43½ bbls acid to get in. Bled off tbg press & waiting for balls to drop off. Plan to postpone frac until adding T-105 tbg to top of string for higher surface pressure.
- 4-19-72 14,485' PBD. Tripping. Worked total of 29 bbls acid into formation after repressuring to 9200-9500 psi. 3 more times. Unable to work any more acid into formation. Appears only 1 to 2 holes open. Released pkr & reversed out oil & remaining acid. Rigged down frac equip. Lowered pkr & picked up RBP. POOH w/tbg. Now going in hole w/pkr only to perform frac of perf. 13,972-14,439 after arrival of P-105 tbg string to attain higher surface pressures.

# CHEVRON OIL COMPANY

WESTERN DIVISION

OPERATOR: CHEVRON OIL COMPANY

WELL NAME: CHEVRON B. HARTMAN UNIT #1-3LA3

FIELD: ALTAMONT

LOCATION: NE $\frac{1}{4}$ , Sec. 31, T1S, R3W  
Duchesne County, Utah

CONTRACTOR: R. L. MANNING

## DAILY DRILLING REPORT

- 4-20-72 14,485' PBD. WO P-105 tbg to frac @ higher pressure.
- 4-21-72 14,485' PBD. Attempting to reset pkr for frac. RIH & set pkr @ 14,450'. Tested tbg to 9500 psi. Rel. pkr. Spotted 500 gal. acid across perfs 13,972-14,439'. Installed 3 jts of P-105 tbg at top.
- 4-24-72 14,485' PBD Tripping. Attempted to reset pkr w/no success. POOH. RIH w/new pkr & set @ 14,450'. Press tbg to 9500 psi & press broke to 2300 psi. POOH checking for hole in tbg on bad pkr w/no success. RIH w/new pkr to top of liner. Dropped test ball & circ @ 2 bbls/min w/1200 psi. POOH & found 8" split below box in 7th jt of 2-7/8" tbg above pkr. RIH w/new pkr & set @ 14,452'. Tested tbg to 9500 psi. PU & reset pkr @ 13,932'. Spotted 4000 gal. acid. Started frac & tbg parted @ 10,100 psi w/300 gal. oil behind acid. PU & reversed out acid. POOH w/4199' tbg & split collar on bottom. RIH w/overshot & engaged fish. Released pkr & reversed out acid in fish. Now POOH w/fish.
- 4-25-72 PBD 14,485'. Cond. mud. Rec. fish. Layed down 3-1/2" to inspect. RIH w/4-1/8" bit on 2-7/8" tbg.
- 4-26-72 PBD 14,485'. Prep to pull tbg & reperf.
- 4-27-72 PBD 14,485'. PU frac string.
- 4-28-72 PBD 14,485'. Tripping. Finished PU 3 1/2" tbg. Broke circ @ top of liner. Now going in hole to test tbg string & spot 500 gal. acid across perfs 13,972-14,439 for frac.
- 5-1-72 PBD 14,485'. Tripping. Sptd 500 gal. acid across perfs 13,972-14,439'. Could not reset pkr. POOH. Reran new pkr & set @ 13,928'. Sptd 4000 gal. acid. Frac 13,972-14,439 w/4000 gal. acid, 6000 gal. My-T-Oil, 4000 gal. My-T-Oil w/1/2 ppg sand, 3100 gal. My-T-Oil w/1/2 ppg glass beads. Over rate 10-11 BPM, press 10,800-11,000 psi. Started screening out @ 1-3 BPM, press 11,000-13,200 psi. Tubing split. Rev. out. POOH, tbg split @ 6718'. Set CIBP @ 13,950'. Perf 23 holes 13,605-892'. Now rng pkr.
- 5-2-72 14,485' PBD. Prep to frac. RIH w/pkr. Tested tbg string & CIBP to 9500 psi. Spotted 400 gal. acid across perfs 13,605-892. Picked up & set pkr @ 13,532. Now spotting acid for breakdown & frac.

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPPLICATE\*  
(Other instructions on reverse side)

# SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR Chevron Oil Company - Western Division		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 599 Denver, Colorado 80201		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1019' FNL & 1024' FEL (NE $\frac{1}{4}$ NE $\frac{1}{4}$ )		8. FARM OR LEASE NAME B. Hartman Unit
14. PERMIT NO.		9. WELL NO. 1-31A3
15. ELEVATIONS (Show whether DF, RT, GR, etc.) KB 6286'		10. FIELD AND POOL, OR WILDCAT Altamont-Miles & 1-26
		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA S31, T1S, R3W, USB&M
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

### NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐FULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☐CHANGE PLANS ☐

### SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☐Progress Report ☒

(NOTE: Report results of multiple completion on Well  
(Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

See attached May, 1972 daily drilling progress report.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

J. P. Hill

Drilling Engineer

DATE 6-1-72

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

# CHEVRON OIL COMPANY

WESTERN DIVISION

OPERATOR: CHEVRON OIL COMPANY

WELL NAME: CHEVRON B. HARTMAN UNIT #1-31A3

FIELD: ALTAMONT

LOCATION: NE $\frac{1}{4}$ , Sec. 31, T1S, R3W  
Duchesne County, Utah

CONTRACTOR: R. L. MANNING

## DAILY DRILLING REPORT

- 5-3-72 PBSD 14,485'. Reperforating 13,605-892. Set pkr 13,532'. Spotted 4000 gal. acid. Could not break down perfs 13,605-13,892 w/13,500 psi. Rev HCl. POOH.
- 5-4-72 PBSD 14,485'. Perf 23 holes 13,605-13,892'. Sptd HCl across perfs. Set pkr. PI 4 bbl HCl @ 2 BPM, 4950 psi. Sptd add'l 1000 gal. HCl & PI @ 2-3 BPM, 5000-2750 psi. ISIP 1300 psi. Now sptg HCl and RCNB for frac.
- 5-5-72 PBSD 14,485'. Perforating. Sptd 4000 gal. acid & balls. Set pkr @ 13,532'. Broke down perfs 13,605-13,892' @ 4-6 BPM, 10,500-12,000 psi. Frac @ 12-14 BPM, 10,200-11,000 psi. Balled out after first stage. Max press 13,000. ISIP 12,800, 10 min SIP 7400 psi. 30 min 7000 psi. Pulled pkr. Set CIBP @ 13,550'.
- 5-7-72 PBSD 14,485'. Trip. Perf 31 holes 13,017-498'. Ran pkr. Tstd CIBP & tbg 9500 psi. Press broke to 3400 psi after 15 min. POOH. Split in 2-7/8" tbg, 48 jts up from btm. Reran pkr. tsts. CIBP & tbg to 9500 psi. Sptd HCl across perfs. Set pkr @ 12,910'. Sptd 4000 gal. HCl w/RCNB. Started breaking down perfs. Pmpd in 2550 gal. HCl at 3-5 BPM, 10,200-12,800 psi. CP incr 3400-3700 psi. Bled off tbg & CP bled to zero. Dropped off balls & pmpd in remaining 1450 gal HCl at 3 BPM & 8000 psi. CP 300-1700 psi. POOH. Hold down button washed out in pkr. Now rng new pkr.
- 5-9-72 PBSD 14,485'. Trip. Ran pkr & attempt test tubing. Press broke 9100 psi to zero. Found split in 3-1/2" tbg @ 5000'. Layed down 3-1/2" tbg. Now picking up P-105, 3-1/2" tbg.
- 5-10-72 PBSD 14,485'. Tripping. Finished PU 3-1/2" P-105 tbg string. Set pkr @ 13,512'. Press string to 8350 psi & press broke to 1900 psi. Repress to 7400 psi & broke to 900 psi. Reset pkr @ 13,518' & press to 1400 psi. Started circ hole @ 1250 psi. Dropped test ball & POOH to find tbg leak.
- 5-11-72 14,485' PBSD. Prep to spot acid. Tripped & found split in 7th jt of 2-7/8" P-105 tbg above pkr, 12" below box. PU new pkr RIH w/2-7/8" tbg. Dropped test ball & tested to 3000 psi. Continued in hole & set pkr @ 13,518' & tested tbg & tools to 9400 psi. Released pkr & spotted acid across perfs 13,107-498'. PU & set pkr @ 12,885'. Now prep to spot 4000 gal. acid for breakdown & frac.
- 5-12-72 14,485' PBSD. Prep to perf. W/pkr set @ 12,885' fraced perfs 13,017-498' @ avg rate 12-1/2 BPM w/avg press 9300 psi. Balled out after first stage @ 14,000 psi. ISI 10,500 psi. 10 min 6300 psi. 30 min 5200 psi. 2 hr. 5000 psi. Reversed out & cond. mud. POOH w/pkr. Prep to set CIBP & perf next interval.



Sabine  
Shell  
Hiko Bell  
King Silver  
Martinets

# CHEVRON OIL COMPANY

WESTERN DIVISION

OPERATOR: CHEVRON OIL COMPANY

WELL NAME: CHEVRON B. HARTMAN UNIT #1-31A

FIELD: ALTAMONT

LOCATION: NE<sup>1</sup>/<sub>4</sub>, Sec. 31, T1S, R3W  
Duchesne County, Utah

CONTRACTOR: R. L. MANNING

## DAILY DRILLING REPORT

- 5-15-72 14,485' PBTD. Drlg. out. Set wireline CIBP @ 12,996'. Perfed 15 zones from 12,673-12,952 w/1 hole/zone. RIH w/pkr tested bridge plug, pkr & tbg string to 9500 psi. Spotted acid across perfs. PU & set pkr @ 12,533'. Spotted 4000 gal. acid w/balls & broke down perfs fraced @ 8.8 BPM avg rate, 10,000 psi avg press. Balled out after first stage @ 14,000 psi. ISI 12,700 psi, 10 min 9000 psi, 30 min 6700 psi, 2 hr. 6000 psi. Reversed out & cond. mud. POOH w/pkr & RIH w/pkr milling tool. Tagged @ 12,955'. Cleaned out 41'. Drld out CIBP @ 12,996' in 3 hrs. Tagged @ 13,500', cleaned out 50'. Drld out CIBP @ 13,550' in 5-1/2 hrs. Plug fell & retagged 13,830' continuing to drl out.
- 5-16-72 14,485' PBTD. Drlg out. Dulled mill @ 13,830' & tripped. Rec. considerable junk in sub & milling shoe worn out. RIH w/another pkr milling shoe & tagged @ 13,830'. Drld up 2nd bridge plug in 2-1/2 hrs. Cleaned out 120' to CIBP @ 13,950'. Drld out BP in 6-3/4 hrs. & fell free to 14,396'. Cleaned out to 14,400' continuing to clean out. Lack 66'.
- 5-17-72 14,485' PBTD. Tripping. Cleaned out to 14,478'; 7' off PBTD. Unable to get deeper. Circ & cond mud. POOH, laying down frac string.
- 5-18-72 14,485' PBTD. Prep to run production string. Finished laying down frac string. Ran GR tracer log. Set Model D production pkr @ 11,759' w/bottom of stinger @ 11,830'. Top of liner @ 11,820'. Rigging up to hydrotest in w/production string.
- 5-19-72 14,485' PBTD. Prep to kill well. Hydrotested in w/prdn string & spaced out. PU 10' & reversed out mud w/wtr. When knockout plug & stinger below pkr apparently failed & well came in. Now prep to kill well w/tbg press 4000 psi & csg press 4000 psi to set blanking plug in nipple below pkr.
- 5-22-72 14,485' PBTD. Killed well w/mud. Set blanking plug below pkr. @ 11,827'. Circ. mud from hole w/treated water. Landed 2 7/8" tbg. in pkr. @ 11,759'. Landed 1 1/2" tbg. @ 3987'. Installed tree. Released rig @ 4:00 PM, 5-21-72. RDR.
- 5-23-72 14,485' PBTD. MOR.
- 5-24-72 14,485' PBTD. MOR.
- 5-25-72 14,485' PBTD. MOR.
- 5-26-72 14,485' PBTD. Prep surface facilities.

CC:RS

Sabine  
Shell  
Hiko Bell  
King Silver  
Martinets

# CHEVRON OIL COMPANY

WESTERN DIVISION

OPERATOR: CHEVRON OIL COMPANY

WELL NAME: CHEVRON B. HARTMAN UNIT #1-31A

FIELD: ALTAMONT

LOCATION: NE $\frac{1}{4}$ , Sec. 31, T1S, R3W  
Duchesne County, Utah

CONTRACTOR: R. L. MANNING

## DAILY DRILLING REPORT

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- 5-30-72 14,485' PBTD. Removing back press. valves in tree. Prep. to retrieve blanking plug and tbg string.
- 5-31-72 14,485' PBTD. Removed back pressure valve in tree. Attempted to remove blanking plug in tbg. string. Wireline parted. Fish came out of hole. Now attempting to remove blanking plug again.

STATE OF UTAH

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

## OIL &amp; GAS CONSERVATION COMMISSION

## SUNDRY NOTICES AND REPORTS ON WELLS

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2. NAME OF OPERATOR Chevron Oil Company - Western Division		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 599 Denver, Colorado 80201		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  1019' FNL & 1024' FEL (NE $\frac{1}{4}$ NE $\frac{1}{4}$ )		8. FARM OR LEASE NAME B. Hartman Unit
14. PERMIT NO.		9. WELL NO. 1-31A3
15. ELEVATIONS (Show whether DF, RT, OR, etc.) KB 6286'		10. FIELD AND POOL, OR WILDCAT Altamont-Miles & 1-26
		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA S. 31, T1S, R3W, USB&M
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	Progress Report <input checked="" type="checkbox"/>

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See attached June, 1972 daily drilling report.

18. I hereby certify that the foregoing is true and correct

SIGNED

*A. V. Petersen*

TITLE

A. V. Petersen

Drilling Engineer

DATE 7-6-72

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

Sabine  
Shell  
Hiko Bell  
King Silver  
Martinets

# CHEVRON OIL COMPANY

WESTERN DIVISION

OPERATOR: CHEVRON OIL COMPANY

WELL NAME: CHEVRON B. HARTMAN UNIT #1-31A3

FIELD: ALTAMONT

LOCATION: NE $\frac{1}{4}$ , Sec. 31, T1S, R3W  
Duchesne County, Utah

CONTRACTOR: R. L. MANNING

## DAILY DRILLING REPORT

- 5-30-72 14,485' PBSD. Removing back press. valves in tree. Prep. to retrieve blanking plug and tbg string.
- 5-31-72 14,485' PBSD. Removed back pressure valve in tree. Attempted to remove blanking plug in tbg. string. Wireline parted. Fish came out of hole. Now attempting to remove blanking plug again.
- 6-1-72 14,485' PBSD. Ran wireline retrieving tool but unable to latch blanking plug. Ran impression block. No indication of being on plug. Rigged down wireline unit. Waited on and rigged up McCullough. Now running sinker bars to attempt to knock out plug.
- 6-2-72 Ran wireline sinker bars and found no fill on top of blanking plug. Ran wireline overshot but unable to retrieve plug. Ran chemical cutter and cut off above plug @ 11,825', 4 $\frac{1}{2}$ ' from bottom of tbg. SITP 4000 psi. Turned to battery to test.
- 6-5-72 14,485' PBSD. 6-2-72 1209 BO, 11 BW, 17/64" choke, 2500 TP, 100 FL, 24 hours. 6-3-72 1393 BO, 9 BW, 20-34/64" choke, 3300 TP, 140 FL, 18 hours, 6-4-72 2225 BO, 0 BW, 30/64" choke, 1700 TP, 180 FL, 21 hours gauge time.
- 6-6-72 14,485' PBSD. Flowed 2355 BO, 4 BW, 28/64" choke, 1500 TP.
- 6-7-72 14,485' PBSD. Flowed 2202 BO and 7 BW in 24 hours, 28/64" choke, TP 1700 psi.
- 6-8-72 14,485' PBSD. Flowing 1870 BO, 6 BW in 24 hours, 28/64" choke, TP 1200.
- 6-9-72 14,485' PBSD. Flowing 2047 BO and 9 BW in 24 hours, 28/64" choke, TP 1200.
- 6-12-72 14,485' PBSD. 6-9 Flowed 1768 BO & 3 BW, 28/64" ch, TP 800.  
6-10 Flowed 1927 BO & 8 BW, 28/64" ch, TP 750.  
6-11 20 hrs. flowed 1485 BO & 64 BW, 28/64" ch, TP 800. Down 4 hrs hooking up separator.
- 6-13-72 Flowed 1768 BO, 4 BW, 24 hrs, 28/64" ch, TP 800.
- 6-14-72 Flowed 1742 BO, 0 BW, 28/64" choke, TP 600.
- 6-15-72 Flowed 1892 BO, 17 BW, 28-40/64' ch, TP 400.
- 6-16-72 Flowed 1716 BO, 8 BW, 43/64", TP 400. Final Report.

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

**SUNDRY NOTICES AND REPORTS ON WELLS**

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3. ADDRESS OF OPERATOR P. O. Box 599 Denver, Colorado 80201		7. UNIT AGREEMENT NAME
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14. PERMIT NO.		9. WELL NO. 1-31A3
15. ELEVATIONS (Show whether DF, RT, GR, etc.) KB 6286'		10. FIELD AND POOL, OR WILDCAT Altamont-Miles & 1-26
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA S. 31. T1S. R3W. USB&M
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

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FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
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See attached June, 1972 daily drilling report.

18. I hereby certify that the foregoing is true and correct  
SIGNED A. V. Petersen TITLE Drilling Engineer DATE 7-6-72

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

Sabine  
Shell  
Hiko Bell  
King Silver  
Martinets

## CHEVRON OIL COMPANY

WESTERN DIVISION

OPERATOR: CHEVRON OIL COMPANY

WELL NAME: CHEVRON B. HARTMAN UNIT #1-31A3

FIELD: ALTAMONT

LOCATION: NE $\frac{1}{4}$ , Sec. 31, T1S, R3W  
Duchesne County, Utah

CONTRACTOR: R. L. MANNING

### DAILY DRILLING REPORT

- 5-30-72 14,485' PBSD. Removing back press. valves in tree. Prep. to retrieve blanking plug and tbg string.
- 5-31-72 14,485' PBSD. Removed back pressure valve in tree. Attempted to remove blanking plug in tbg. string. Wireline parted. Fish came out of hole. Now attempting to remove blanking plug again.
- 6-1-72 14,485' PBSD. Ran wireline retrieving tool but unable to latch blanking plug. Ran impression block. No indication of being on plug. Rigged down wireline unit. Waited on and rigged up McCullough. Now running sinker bars to attempt to knock out plug.
- 6-2-72 Ran wireline sinker bars and found no fill on top of blanking plug. Ran wireline overshot but unable to retrieve plug. Ran chemical cutter and cut off above plug @ 11,825', 4 $\frac{1}{2}$ ' from bottom of tbg. SITP 4000 psi. Turned to battery to test.
- 6-5-72 14,485' PBSD. 6-2-72 1209 BO, 11 BW, 17/64" choke, 2500 TP, 100 FL, 24 hours. 6-3-72 1393 BO, 9 BW, 20-34/64" choke, 3300 TP, 140 FL, 18 hours, 6-4-72 2225 BO, 0 BW, 30/64" choke, 1700 TP, 180 FL, 21 hours gauge time.
- 6-6-72 14,485' PBSD. Flowed 2355 BO, 4 BW, 28/64" choke, 1500 TP.
- 6-7-72 14,485' PBSD. Flowed 2202 BO and 7 BW in 24 hours, 28/64" choke, TP 1700 psi.
- 6-8-72 14,485' PBSD. Flowing 1870 BO, 6 BW in 24 hours, 28/64" choke, TP 1200.
- 6-9-72 14,485' PBSD. Flowing 2047 BO and 9 BW in 24 hours, 28/64" choke, TP 1200.
- 6-12-72 14,485' PBSD. 6-9 Flowed 1768 BO & 3 BW, 28/64" ch, TP 800.  
6-10 Flowed 1927 BO & 8 BW, 28/64" ch, TP 750.  
6-11 20 hrs. flowed 1485 BO & 64 BW, 28/64" ch, TP 800. Down 4 hrs hooking up separator.
- 6-13-72 Flowed 1768 BO, 4 BW, 24 hrs, 28/64" ch, TP 800.
- 6-14-72 Flowed 1742 BO, 0 BW, 28/64" choke, TP 600.
- 6-15-72 Flowed 1892 BO, 17 BW, 28-40/64' ch, TP 400.
- 6-16-72 Flowed 1716 BO, 8 BW, 43/64", TP 400. Final Report.

STATE OF UTAH

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

## OIL &amp; GAS CONSERVATION COMMISSION

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL:				OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____			
b. TYPE OF COMPLETION:				NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____			
2. NAME OF OPERATOR Chevron Oil Company - Western Division							
3. ADDRESS OF OPERATOR P. O. Box 599, Denver, Colorado 80201							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1204' S of N & 1024' W of E (NE NE) At top prod. interval reported below At total depth							
14. PERMIT NO. 13-013 30093		DATE ISSUED					
5. LEASE DESIGNATION AND SERIAL NO. Fee		6. IF INDIAN, ALLOTTEE OR TRIBE NAME					
7. UNIT AGREEMENT NAME							
8. FARM OR LEASE NAME B. Hartman Unit							
9. WELL NO. 1-31A3							
10. FIELD AND POOL, OR WILDCAT Altamont Miles & 1-26							
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 31, T-1-S R-3-W, USBM							
12. COUNTY OR PARISH Duchesne				13. STATE Utah			
15. DATE SPURRED 12-16-71		16. DATE T.D. REACHED 4-5-72		17. DATE COMPL. (Ready to prod.) 5-21-72			
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6286' KB		19. ELEV. CASINGHEAD					
20. TOTAL DEPTH, MD & TVD 14500		21. PLUG, BACK T.D., MD & TVD 14495		22. IF MULTIPLE COMPL., HOW MANY* No			
23. INTERVALS DRILLED BY →		ROTARY TOOLS Yes		CABLE TOOLS No			
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 12,673'-14,439' Wasatch					25. WAS DIRECTIONAL SURVEY MADE No		
26. TYPE ELECTRIC AND OTHER LOGS RUN BHC-GR DIL FDC-GR CNL-GR					27. WAS WELL CORED No		
28. CASING RECORD (Report all strings set in well)							
CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED		
7"	26	12,060	8-3/4"	675			
10-3/4"	40.5	2,522	15"	2425			
18"		60		150			
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5"	11848	14,497	300	heat string 1-1/2	2-7/8	11,778	11,759
31. PERFORATION RECORD (Interval, size and number)  (see attached sheet)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED						
12673-952	4500 gal 15% HCL						
13017-13498	7550 gal 15% HCL						
13605-13892	10568 gal 15% HCL						
13972-14439	20500 gal 15% HCL						
33. PRODUCTION							
DATE FIRST PRODUCTION 6-2-72		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing			WELL STATUS (Producing or shut-in) Producing		
DATE OF TEST 6-17-72	HOURS TESTED 24	CHOKE SIZE 64/64	PROD'N. FOR TEST PERIOD →	OIL—BBL. 1628	GAS—MCF. 1759	WATER—BBL. 4	
FLOW. TUBING PRESS. 300	CASING PRESSURE —	CALCULATED 24-HOUR RATE →	OIL—BBL. —	GAS—MCF. —	WATER—BBL. —	OIL GRAVITY-API (CORR.) 41.0	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented					TEST WITNESSED BY F. Usery		
35. LIST OF ATTACHMENTS Perforation Records							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records R. B. Wacker							
SIGNED _____		TITLE Division Engineer			DATE 8/10/72		

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions. If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

## 37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
No DST's and no cores			

## 38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Duchesne River	KB 6286	
Uinta	Surface	
Green River	3760 (+2526)	
K	6002 (+284)	
CP 90	10937 (-4651)	
Transition	11428 (-5142)	
CP 210	11538 (-5252)	
	13874 (-7588)	



Perforations:\* 2 Schl. Hyperjets/ft. using a 3-3/8" csg gun, thru 15.5 ppg mud.

13,605, 13,615, 13,630, 13,659, 13,666, 13,670, 13,674, 13,697, 13,703, 13,712,  
13,720, 13,743, 13,759, 13,764, 13,786, 13,793, 13,808, 13,813, 13,835, 13,842,  
13,863, 13,882, 13,892, 13,972, 13,997, 14,016, 14,039, 14,066, 14,106, 14,128,  
14,167, 14,181, 14,213, 14,216, 14,236, 14,252, 14,270, 14,323, 14,342, 14,388,  
14,427, 14,439

1 Schl. Hyperjet/ft, using a 3-3/8" csg gun, thru 15.3 ppg mud.

12,673, 12,678, 12,687, 12,704, 12,708, 12,740, 12,757, 12,771, 12,778, 12,834,  
12,863, 12,866, 12,879, 12,921, 12,952, 13,017, 13,040, 13,066, 13,074, 13,080,  
13,093, 13,103, 13,121, 13,144, 13,188, 13,193, 13,205, 13,217, 13,223, 13,252,  
13,257, 13,268, 13,295, 13,305, 13,319, 13,331, 13,346, 13,358, 13,378, 13,413,  
13,442, 13,451, 13,464, 13,470, 13,484, 13,498

\* All depths corrected to Schl. G.R.-Sonic Log.

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

# SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR Chevron Oil Company - Western Division		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 599 Denver, Colorado 80201		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  1019' S of N & 1024' W of E (NE $\frac{1}{4}$ NE $\frac{1}{4}$ )		8. FARM OR LEASE NAME B. Hartman Unit
14. PERMIT NO.		9. WELL NO. 1-31A3
15. ELEVATIONS (Show whether DF, RT, OR, etc.) KB 6286'		10. FIELD AND POOL, OR WILDCAT Altamont-Miles & 1-26
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA S 31, T1S, R3W, USBM
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

We plan to locate and cement squeeze possible casing leak and acidize if warranted.

STATE (2)  
USGS (2)  
PARTNERS (4)  
FIELD (1)  
FILE (1)

18. I hereby certify that the foregoing is true and correct  
SIGNED R. B. WACKER TITLE Division Drlg. Supt. DATE 4-16-74

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

### SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR Chevron Oil Company - Western Division		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 599 Denver, Colorado 80201		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  1019' S of N & 1024' W of E (NE $\frac{1}{4}$ NE $\frac{1}{4}$ )		8. FARM OR LEASE NAME B. Hartman Unit
14. PERMIT NO.		9. WELL NO. 1-31A3
15. ELEVATIONS (Show whether DF, RT, OR, etc.) KB 6286'		10. FIELD AND POOL, OR WILDCAT Altamont-Miles & 1-26
		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA S 31, T1S, R3W, USB&M
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

#### 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

##### NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☐CHANGE PLANS ☐

##### SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☒(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

#### 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Located and squeezed casing leak @ 3900' with 650 sx Class G cement. Tubing now landed @ 11,879' with heat string @ 3987'. Acidized w/20,000 gals 12% HCl - 3% HF. Flared for 48 hours.

Work Started: 5-7-74

Work Completed: 7-1-74

Production Before WO: 135 BOPD 1 BWPD

Production After WO: 563 BOPD 0 BWPD

- 3 - State
- 2 - USGS
- 4 - Partners
- 1 - Field
- 1 - File

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

Jennifer A. Mishler  
Engineering Assistant

DATE

9-19-74

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR Chevron Oil Company - Western Division		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 599 Denver, Colorado 80201		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1019' FNL & 1024' FEL (NE $\frac{1}{4}$ NE $\frac{1}{4}$ )		8. FARM OR LEASE NAME B. Hartman Unit
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) KB 6286	9. WELL NO. 1-31A3
		10. FIELD AND POOL, OR WILDCAT Altamont-Wasatch
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA S 31, T1S, R3W, USB&M
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	FULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input checked="" type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		<input type="checkbox"/>

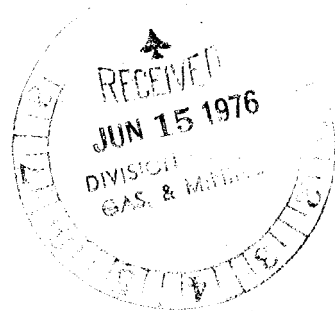
## SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		<input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

We plan to acidize per the attached.



APPROVED BY THE DIVISION OF  
OIL, GAS, AND MINING  
DATE: June 18, 1976  
BY: P. H. Arnold

3-STATE  
2-USGS  
1-SAH  
4-PARTNERS  
1-PIGE

18. I hereby certify that the foregoing is true and correct

SIGNED J. A. MishlerJ. A. Mishler  
TITLE Engineering AssistantDATE 6-14-76

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

Well Name Hartman 1-31A3

Field Altamont

PROPOSED TREATMENT PROCEDURE

1. Size and type of treatment: 15,000 gals 15% HCl
2. Intervals to be treated: 12,673-14,439
3. Treatment down casing or tubing: casing
4. Disposal of treating fluid: Fluid to be flowed back to tanks if possible.  
If well will not flow, well will be swabbed.
5. Anticipated additional surface disturbances: None
6. Estimated work date: 6-23-76
7. Present status and producing interval of well: flowing 79 BOPD & 66 BWPD through existing perfs.

CIRCULATE TO:  
DIRECTOR  
PETROLEUM ENGINEER  
MINE COORDINATOR  
ADMINISTRATIVE ASSISTANT  
ALL  
RETURN TO Kathy  
FOR FILING

July 15, 1976

MEMO FOR FILING:

Re: CHEVRON OIL COMPANY  
#1 (1-31A3)  
Sec. 31, T. 1 S, R. 3 W  
USM, Duchesne Co., Utah

On July 7, 1976, a visit was made to the above referred to well site.

The following readings were taken at the time of the inspection:

Halliburton totalizer ..... 192,903 bbls.  
" " on 2-6-76.... 111,279 bbls. (start up reading)  
Murphy gauge ..... 1200 psig  
Safety Switch was set at ..... 1800 psig  
Gauge on discharge side of pump.... 1975 psig

The equipment is in good shape, however, the location is in poor condition. The unlined emergency pit needs to be burned off and cleaned up.

CLEON B. FEIGHT  
DIRECTOR

CBF/th

cc: U.S. Geological Survey

August 2, 1976

CHEVRON OIL COMPANY  
1700 Broadway  
P.O. Box 599  
Denver, Colorado 80201

Gentlemen:

Attached hereto, is a copy of a memo relative to a recent well inspection.

Please read the memo carefully and make all necessary changes and/or repairs of the equipment as indicated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

PATRICK L. DRISCOLL  
CHIEF PETROLEUM ENGINEER

PLD/tlb

Enclosure

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee	
2. NAME OF OPERATOR Chevron Oil Company - Western Division		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P. O. Box 599 Denver, Colorado 80201		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1019' FNL & 1024' FEL (NE $\frac{1}{4}$ NE $\frac{1}{4}$ )		8. FARM OR LEASE NAME B. Hartman Unit	
		9. WELL NO. 1-31A3	
		10. FIELD AND POOL, OR WILDCAT Altamont-Wasatch	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA S 31, T1S, R3W, USB&M	
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) KB 6286	12. COUNTY OR PARISH Duchesne	13. STATE Utah

### 18. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Acidized per the attached.

No additional surface disturbances required for this activity.

- 3 - State
- 2 - USGS
- 1 - JAH
- 4 - Partners
- 1 - File

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

J. A. Mishler

Engineering Assistant

DATE 11-12-76

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



WELL NAME Hartman 1-31A3

FIELD NAME Altamont

COMPLETED TREATMENT PROCEDURE

1. Size and type of treatment: 15,000 gals 15% HCl w/250# benzoic acid flakes
2. Intervals treated: 12,673-14,439
3. Treatment down casing or tubing. Tubing
4. Methods used to localize effects: Benzoic acid flakes used as diverting agent.
5. Disposal of treating fluid: Made 4 swab runs then well started flowing back to pit.
6. Depth to which well was cleaned out: Not done
7. Time spent bailing and cleaning out: None
8. Date of work: 10/15-16/76
9. Company who performed work: Dowell
10. Production interval: 12,673-14,439
11. Status and production before treatment: Flowing

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>
	79	-	66

12. Status and production after treatment: Flowing

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>
10/27	92	-	13

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE\*  
(Other instructions on  
reverse side)

# SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <b>OIL WELL</b> <input checked="" type="checkbox"/> <b>GAS WELL</b> <input type="checkbox"/> <b>OTHER</b> <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR Chevron U.S.A. Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 599, Denver, Colorado 80201		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1019' FNL & 1024' FEL (NE 1/4 NE 1/4)		8. FARM OR LEASE NAME B. Hartman Unit
14. PERMIT NO.		9. WELL NO. 1-31A3
15. ELEVATIONS (Show whether DF, RT, GR, etc.) KB 6286		10. FIELD AND POOL, OR WILDCAT Altamont-Wasatch
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 31, T1S, R3W, USB&M
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

### NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐  
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PULL OR ALTER CASING

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☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other)

### SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐  
☐  
☐

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

It is proposed to perforate, reperforate and acidize well as follows:

1. MI wireline unit, reverse circ pump to surface, fish out standing valve.
2. MI & RU WO Rig. NU BOPE & test. POOH w/1½" parallel tbg. Unlatch from Retr. D pkr & displace hole w/treated formation water. POOH w/2-7/8" tbg & Hydr. BHA. RIH & retrieve mod "D" Loc Set Pkr set at 11,799.
3. Check hole for fill and clean out.
4. MI perforating unit and perforate. See attached.
5. RIH w/Retr. Br. Plug & Retra "D" Pkr, straddle intervals and acidize. See attached.
6. POOH w/tbg, Retr. D Loc Set Pkr & bridge plug.
7. If well is flowing, RIH w/2-7/8" tbg & Retr. "D", set at 11,799, RD & MO.
8. If well does not flow, POOH w/2-7/8" tbg. RIH w/2-7/8" tbg & 1½" tbg latch into pkr at 11,799. Circ well w/heated wtr.
9. RIH w/pump & place well on hydraulic pump production.

APPROVED BY THE DIVISION OF  
OIL, GAS, AND MINING

DATE: Oct. 9, 1979

BY: Frank M. [Signature]

3 - State  
2 - USGS  
4 - Partners  
1 - JAH  
1 - Sec. 723  
1 - File

No additional surface  
disturbances required  
for this activity.

18. I hereby certify that the foregoing is true and correct

SIGNED

[Signature]

TITLE Engineering Assistant

DATE October 3, 1979

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

WELL NAME: B. Hartman Unit 1-31A3

FIELD: Altamont

PROPOSED PERFORATING PROCEDURE

1. Changes intended:
2. Results anticipated: Increased production.
3. Conditions of well which warrant such work: Decline in production.

4. To be ripped or shot: Shot.

5. Depth, number and size of shots (or depth of rips): 2 shots/ft.

12,676	13,047	13,217	13,412	13,617	13,781	13,990	14,252
12,687	13,052	13,223	13,442	13,630	13,786	13,996	14,267
12,706	13,060	13,252	13,449	13,640	13,793	14,006	14,270
12,752	13,065	13,257	13,454	13,659	13,806	14,016	14,296
12,758	13,074	13,270	13,465	13,666	13,812	14,030	14,323
12,771	13,080	13,289	13,468	13,670	13,820	14,039	14,389
12,778	13,093	13,295	13,474	13,674	13,834	14,064	
12,883	13,113	13,305	13,483	13,697	13,842	14,068	
12,852	13,141	13,319	13,498	13,703	13,880	14,106	
12,920	13,144	13,331	13,546	13,712	13,883	14,114	
12,923	13,164	13,346	13,552	13,720	13,912	14,120	
12,951	13,170	13,358	13,563	13,748	13,917	14,128	
12,999	13,179	13,378	13,588	13,759	13,950	14,215	
13,007	13,188	13,382	13,605	13,774	13,966	14,234	
13,017	13,192	13,396	13,611	13,778	13,972	14,237	

6. Date last Log of well filed:
7. Anticipated additional surface disturbances: None.
8. Estimated work date: October 20, 1979.
9. Present production and status:

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>
8/79	142		330

WELL NAME: B. Hartman Unit 1-31A3

FIELD: Altamont

PROPOSED TREATMENT PROCEDURE

1. Objective: Increase production.
2. Size and type of treatment:

13,912-14,439	5600 gals	MSR-100
13,605-13,892	5600 gals	MSR-100
13,141-13,588	6000 gals	MSR-100
12,673-13,121	4000 gals	MSR-100
3. Intervals to be treated:
4. Treatment down casing or tubing: Tubing.
5. Method of localizing its effects: RBP, Packer and benzoic acid flakes to be used as diverting agents.
6. Disposal of treating fluid: Spent acid will be swabbed back to flat tank.
7. Name of company to do work: Dowell, Halliburton or Western.
8. Anticipated additional surface disturbances: None.
9. Estimated work date: October 21, 1979.
10. Present status, current production and producing interval:

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>
8/79	142		330

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL AND GAS CONSERVATION  
1588 West North Temple  
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING  
\*\*\*\*\*

Well Name and Number Chevron-Hartman #1-31A3  
Operator Chevron Oil Company, Western Division  
Address P.O. Box 599, Denver, Colo. 80201  
Contractor \_\_\_\_\_

Address \_\_\_\_\_  
Location NE 1/4, NE 1/4, Sec. 31, T. 1 N., R. 3 E., Duchesne County.  
S. W.

Well drilled with fluid. No data recorded  
Water Sands: on fresh wtr. section.

	<u>Depth:</u> From - To -	<u>Volume:</u> Flow Rate or Head -	<u>Quality:</u> Fresh or Salty -
1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____
4.	_____	_____	_____
5.	_____	_____	_____

(Continue on Reverse Side if Necessary)

Formation Tops:

- NOTE:
- (a) Upon diminishing supply of forms, please inform this office.
  - (b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (see back of this form)
  - (c) If a water quality analysis has been made of the above reported zone, please forward a copy along with this form.

**STATE OF UTAH**  
**DEPARTMENT OF NATURAL RESOURCES**  
**DIVISION OF OIL, GAS, AND MINING**

SUBMIT IN TRIPPLICATE  
 (Other instructions on  
 reverse side)

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug a well for subsequent recovery.  
 Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. FEE	
2. NAME OF OPERATOR CHEVRON U.S.A. INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P. O. BOX 599, Denver, CO 80201		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1019'FNL & 1024FEL (NE NE)		8. FARM OR LEASE NAME B. Hartman Unit	
14. PERMIT NO.		9. WELL NO. 1-31A3	
15. ELEVATIONS (Show whether DP, RT, OR, etc.) KB 6296		10. FIELD AND POOL, OR WILDCAT Altamont-Wasatch	
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		11. SEC., T., S., M., OR BLE. AND SURVEY OR AREA Sec. 31, T1S, R3W	
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*		12. COUNTY OR PARISH Duchesne	
18. I hereby certify that the foregoing is true and correct		13. STATE Utah	

**NOTICE OF INTENTION TO:**

TEST WATER SHUT-OFF

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FULL OR ALTER CASING

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☐  
☐  
☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other)

**SUBSEQUENT REPORT OF:**

WATER SHUT-OFF

☐  
☐  
☒

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

This well was perforated, reperforated, and acidized as follows:

1. MI & RU WO rig. ND Tree, NU BOPE. POOH w/1-1/2" tbg. Milled and fished out Retr D Packer. POOH w/2-7/8" tbg and Hydra BHA.
2. RIH with mill and casing scraper, cleaned out to 14,409'.
3. Perforated. See attached.
4. Found casing leak at 3922-3932. Pumped 400 sxs class G into hole. RIH w/bit and drilled out cement 3762-3949'. Press tested squeeze to 1950 psi.
5. Found casing split from 6932-7085. Pumped 300 sxs class B into holes. RIH w/bit and drilled out to 1700'. Press tested, would not hold. Spotted 250 gals. 15% acid across holes. Pumped 200 sxs class B into holes. Drilled out cmt to 7100. Press tested squeeze to 2000 psi. Spotted 100 gals acid across squeeze and pumped 300 sxs class B cmt. Press tested to 2000 psi.
6. Acidized well. See attached. Swabbed and flowed well. Flushed well w/2% KCL wtr.
7. RIH w/BHA, tbg and pump.
8. ND BOPE. NU well head.
9. Placed well on production.

3-State  
 2-USGS  
 4-Partner  
 1-JAH  
 1-SEC 723  
 1-File

No additional surface  
 disturbances required  
 for this activity.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Engineering AssistantDATE September 10, 1981

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

WELL NAME: B. Hartman 1-31A3

FIELD: Altamont

COMPLETED PERFORATING PROCEDURE

1. Depth, number and size of shots (or depths of rips):

12,676	13,047	13,217	13,412	13,617	13,781	13,990	14,252
12,687	13,052	13,223	13,442	13,630	13,786	13,996	14,267
12,706	13,060	13,252	13,449	13,640	13,793	14,006	14,270
12,752	13,065	13,257	13,454	13,659	13,806	14,016	14,296
12,758	13,074	13,270	13,465	13,666	13,812	14,030	14,323
12,771	13,080	13,289	13,468	13,670	13,820	14,039	14,389
12,778	13,093	13,295	13,474	13,674	13,834	14,064	
12,883	13,113	13,305	13,483	13,697	13,842	14,068	
12,852	13,141	13,319	13,498	13,703	13,880	14,106	
12,920	13,144	13,331	13,546	13,712	13,883	14,114	
12,923	13,164	13,346	13,552	13,720	13,912	14,120	
12,951	13,170	13,358	13,563	13,748	13,917	14,128	
12,999	13,179	13,378	13,588	13,759	13,950	14,215	
13,007	13,188	13,382	13,605	13,774	13,966	14,234	
13,017	13,192	13,396	13,611	13,778	13,972	14,237	

2. Company doing work: Oil well perforators

3. Date of work: May 5, 1980

4. Additional surface disturbances: None

5. Production after work:

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>
6/80	181		238

WELL NAME B. Hartman 1-31A3

FIELD NAME Altamont

COMPLETED TREATMENT PROCEDURE

1. Size and type of treatment: 22,000 gals 15% MSR acid.
2. Intervals treated: 13,912-14,639  
13,605-13,892  
13,141-13,588  
12,673-13,121
3. Treatment down casing or tubing: Tubing
4. Methods used to localize effects: RBP, packer and acid flakes were used as diverting agents.
5. Disposal of treating fluid: Swabbed and flowed well to flat tank.
6. Depth to which well was cleaned out: 14,409
7. Date of work: June 4, 1980
8. Company who performed work: Dowell
9. Production interval: 12,673-14,639
10. Status and production before treatment:

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>
4/80	81		328

11. Status and production after treatment:

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>
6/80	181		238



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate  
(Other instructions on  
reverse side)

Form approved by  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR Pennzoil Exploration and Production Co.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 2967, Houston, Texas 77252		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1019' FNL & 1024' FEL (NE 1/4, NE 1/4)		8. FARM OR LEASE NAME B. HARTMAN UNIT
14. PERMIT NO. 30093		9. WELL NO. 1-31A3
15. ELEVATIONS (Show whether DF, RT, GR, etc.) KB 6286 feet		10. FIELD AND POOL, OR WILDCAT Bluebell-Altamont
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 31, T.1S., R.3W.
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input checked="" type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

WORK PERFORMED FROM 6-10-86 TO 7-23-86

1. PRESSURE-TESTED CSG, FOUND LEAK AT 3725'-4343'. RU DOWELL.
2. CEMENT SQUEEZED CASING LEAK 3725'-4343' WITH 300 SX CLASS "G" NEAT CEMENT (15.8 PPG, 1.15 YEILD)
3. DRILLED OUT CMT. RIH WITH 2 7/8" TBG, SET PACKER 12,001"
4. RU SMITH ENERGY TO ACIDIZE WASATCH PERFS FROM 12,674'-14,439' WITH 15,000 GAL 15% HCL AT 12.6 BPM AT 8000 PSI. RD SMITH.
5. SWAB-TESTED WELL. RIH WITH 2 7/8" TBG AND REDA PUMP.

18. I hereby certify that the foregoing is true and correct

SIGNED

*Ralph A. Smith*

TITLE Supervising Engineer

DATE 6/24/87

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side



## Proven Properties Inc.

P.O. BOX 2049 • HOUSTON, TEXAS 77252-2049 • (713) 546-8780

KENNETH R. HUDDLESTON  
President

January 13, 1986

RECEIVED  
JAN 20 1986  
DIVISION OF OIL  
& GAS & MINING

Division of Oil, Gas and Mining  
State of Utah  
3 Triad Center, Suite 350  
355 West North Temple  
Salt Lake City, Utah 84180-1203

Re: Change of Operator Bluebell-Altamont Fields,  
Duchesne and Uintah Counties, Utah

Gentlemen:

Heretofore on December 26, 1985, Chevron U.S.A. Inc. advised you concerning properties sold by Chevron U.S.A. to Proven Properties, Inc. and informed you by telephone of change of operator with respect thereto.

This will confirm the advice given to you by Chevron U.S.A. Inc. Attached hereto is the same list of wells furnished to you by Chevron U.S.A. which is marked Exhibit "A" and by this reference made a part hereof. Proven Properties, Inc. is now the operator of the wells described in the attached schedule, however, Pennzoil Company will be operating said properties as agent for Proven Properties, Inc.

We will promptly report to you in writing any change of address and any termination of our operator's authority including any designation of a new operator. However, the designation of Proven Properties, Inc. as operator shall remain in full force and effect until and unless a new designation of operator is filed in accordance with the Utah statutes and the rules and regulations and rules of practice and procedure of the Division of Oil, Gas and Mining of the State of Utah.

If there are any additional reports or any additional information which you would wish to have, kindly call Kevin Cunningham at 713-546-8768.

Yours very truly,

PROVEN PROPERTIES, INC.

THE BOND IS UNDER THE PENNZOIL  
NAME, AND THEREFORE PENNZOIL IS  
SHOWN AS OPERATOR ON UDOGM  
RECORDS.

*John*  
6-25-86

By

*Kenneth R. Huddleston*  
Kenneth R. Huddleston, President

Chevron U.S.A. Wells Sold to Proven Properties Inc.,  
P.O. Box 2049, Houston, Texas 77252-2049, Effective  
December 1, 1985

<u>Entity No.</u>	<u>Well Name</u>
05255	SP-H-U Tribal 2-24Z3
05256	SP-H-U Tribal 4-36Z3
05270	Owen Anderson 1-28A2
05275	Black Jack Ute 1-14-2D
05280	Blue Bench Ute 1
05285	Ute Tribal 1-6B2
05295	Campbell Ute St. 1-7B1
05300	Campbell Ute 1-12B2
05305	Cheney 1-33A2
05306	Cheney #2-33-A2
05320	Duchesne County Snider 1-9C4
05325	Duch Co 1-17C4
05330	Duch Co Tribal U 1
05335	Evans Ute 1-17B3
05336	Evans Ute #2-17-B3
05340	Fortune Ute Fed1-11C5
05345	Freston St 1-8B1
05350	Geritz Mur 1-6C4
05360	Hamblin 1-26A2
05361	Hamblin 2-26-A2
05370	J Robertsn Ute 1-1B1

<u>Entity No.</u>	<u>Well Name</u>
05666	Dillman 2-28A2
05675	C R Ames 1-23A4
05695	St U 1-7B1E
05700	Ute Tribal U 6-7B3
05705	Ute Tribal 1-6B3
05710	Lyn Timothy U 1-10B1
05715	Ute Tribal 9-4B1
05720	E Bennion U 1-25A4
05725     15 36 31	B Hartman U 1-31A3 430/3300 28 60579
05730	Ute Tribal 7-24A3
05735	Ute Tribal U 2-12A3
05740	L Boren U 1-24A2
05745	Lamicq-Urty U 3-17A2
05750	L Boren U-6-16A2
05755	L Boren U 3-15A2
05760	Virgil B Mecham U 1
05765	St Unit 2-35A2
05770	Harmston U 1-32A1
05775	WH Blanchard 2-3A2
05780	Walker V. Brown #1
05785	Ute Allotted U 1-36Z2
05790	T Horrocks 1-6A1
05795	Joseph Yack U 1-7A1
05800	Curtis Bastian 1-7A1
05805	Chsl-Fly-Dia 1-18A1

<u>Entity No.</u>	<u>Well Name</u>
05375	Rachel Jensen 1-16C5
05385	John 1-3B2
05387	John 2-3-B2
05390	Verl Johnson 1
05400	Lamicq 1-20A2
05405	J Lamicq St. 1-6B-1
05410	L Rbrtsn St 1-1B2
05412	Lamicq-Robertson State #2-1-B2
05415	Lamicq Ute 1-5B2
05425	McElprang 1-31A1
05430	Marguerite Ute 1-8B2
05435	May Ute Fed 1-13B1
05440	Moon Tribal 1-30C4
05450	Mortensen 1-32A2
05452	Mortensen 2-32-A2
05455	Phillips Ute 1-3C5
05460	Reese Estate 1-10B2
05465	Robertson 1-29A2
05470	Robertson Ute 1-2-B2
05472	Robertson Ute 2-2-B2
05475	Rbrtsn Ute St 1-12B1
05480	Saleratus W/U 1-7C5
05485	Shrine Hsptl 1-10C5
05490	Smith Albert 1-8C5
05495	Smith Albert 2-8C5

<u>Entity No.</u>	<u>Well Name</u>
05500	Smith Broadhead 1-9C5
05505	Smith David Ute 1-6C5
05510	Smith Joseph 1-17C5
05515	Smith Ute 1-18C5
05520	St Lnd Brd Ute 1-35A1
05525	Taylor Maurel 1
05530	Todd USA St 1-2B1
05535	Tomlinson Fed 1
05540	Unta Ouray Trbl 1-1A3
05545	Urrutz 1-34A2
05550	Ut St Fed 1-24B1
05555	Ut St L/B 1-11B1
05560	Ute 1-2A3
05565	Ute 1-2C5
05575	Ute 1-4A3
05580	Ute 1-5C5
05585	Ute 1-10A3
05590	Ute 1-20Z2
05605	Ute Tribal 1-13B3
05610	Ute Tribal 1-21Z2
05620	Ute County 1-20C4
05645	Voda Jsphine 1-19C5
05650	Voda Jsphine 2-19C5
05655	Voda Ute 1-4C5
05665	Woodward Fed 1-21A2

<u>Entity No.</u>	<u>Well Name</u>
05810	State 3-18A1
05815	R G Dye U-1-29A1
05820	Summerell E U 1-30A1
05825	L L Pack 1-33A1
05835	Mobilute Trbl 11-6A2
05836	Ute Tribal #2-7A2
05840	Doug Brown 1-4A2
05845	Lamicq-Urty U 4-5A2
05850	Mobil-Ute Trl 1-7A2
05855	Lamicq-Urty 2-A2
05860	Ut St U 1-10A2
05865	Sprgfld M/B/U 1-10A2
05870	L Boren U 2-11A2
05875	Norman Knd/ U 1-12A2
05876	Clyde Murray 1 (2-2C)
05877	Blanchard Fee 1-3A2
05878	Utah State 1
05880	Olsen U 1-12A2
05885	Fly/Dia 1 Boren 1 (2-14C)
05890	Ute Tribal 3-18A2
05895	Ute Tribal 4-19A2
05900	L Boren U 5-22A2
05905	L Boren U 4-23A2
05910	Ute Tribal 5-30A2
05915	Ute Allotted 2-18A3

<u>Entity No.</u>	<u>Well Name</u>
05920	P. Bckstd U 1-30A3
05925	Ute Tribal 10-13A4
05930	Karl Shisler U 1-3B1
05935	C. B. Hatch 1-5B1
05940	Norling St. U 1-9B1
05945	H.G. Coltharp 1-15B1
05950	George Murray 1-16B1
05960	E.H. Buzz U 1-11B2
05965	D.L. Galloway 1-14B2
05970	State Pickup 1-6B1E
05975	Mobil-Lami. Ur 1-8A2
09895	Rachel Jensen 2-16C5



**STATE OF UTAH**  
**DEPARTMENT OF NATURAL RESOURCES**  
**DIVISION OF OIL, GAS, AND MINING**

SUBMIT IN TRIPLICATE  
 (Other instructions on reverse side)

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
 Use "APPLICATION FOR PERMIT—" for such proposals.)

<b>1. OIL WELL</b> <input checked="" type="checkbox"/> <b>GAS WELL</b> <input type="checkbox"/> <b>OTHER</b> <input type="checkbox"/>		<b>5. LEASE DESIGNATION AND SERIAL NO.</b> FEE	
<b>2. NAME OF OPERATOR</b> Pennzoil Company		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</b>	
<b>3. ADDRESS OF OPERATOR</b> P.O. Drawer 1139, Denver, CO 80201		<b>7. UNIT AGREEMENT NAME</b>	
<b>4. LOCATION OF WELL</b> (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1019' FNL & 1024' FEL (NE 1/4 NE 1/4)		<b>8. FARM OR LEASE NAME</b> B. Hartman Unit	
<b>14. PERMIT NO.</b>		<b>9. WELL NO.</b> 1-31A3	
<b>15. ELEVATIONS</b> (Show whether OF, TO, OR, etc.) KB 6286		<b>10. FIELD AND POOL, OR WILDCAT</b> Altamont - Wasatch	
		<b>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA</b> Sec. 31, T1S, R3W USB&M	
		<b>12. COUNTY OR PARISH</b> Duchesne	<b>13. STATE</b> Utah

**16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

**NOTICE OF INTENTION TO:**

<b>TEST WATER SHUT-OFF</b> <input type="checkbox"/> <b>FRACTURE TREAT</b> <input type="checkbox"/> <b>SHOOT OR ACIDIZE</b> <input type="checkbox"/> <b>REPAIR WELL</b> <input checked="" type="checkbox"/> (Other) <u>Squeeze holes in csg &amp; acidize</u>	<b>PULL OR ALTER CASING</b> <input type="checkbox"/> <b>MULTIPLE COMPLETE</b> <input type="checkbox"/> <b>ABANDON*</b> <input type="checkbox"/> <b>CHANGE PLANS</b> <input type="checkbox"/>
--	---

**SUBSEQUENT REPORT OF:**

<b>WATER SHUT-OFF</b> <input type="checkbox"/> <b>FRACTURE TREATMENT</b> <input type="checkbox"/> <b>SHOOTING OR ACIDIZING</b> <input type="checkbox"/> (Other) <u>Squeezing holes in csg</u>	<b>REPAIRING WELL</b> <input checked="" type="checkbox"/> <b>ALTERING CASING</b> <input type="checkbox"/> <b>ABANDONMENT*</b> <input type="checkbox"/>
--	--

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

**17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS** (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

**Subsequent Work:**

Test casing integrity then cement squeezed casing leak at 6,594-7,932. Work was done from 12/4/85-12/19/85. Returned well to production. Squeeze unsuccessful, encountered same foreign water and scaling tendency. Produced intermittently from Jan. 1986- May 1986 while evaluating and waiting on partner approval.

**Intention:**

1. Isolate holes in 7" csg with packer and plug and squeeze with cmt.
2. Clean out 5" liner down to 14,470'.
3. Acidize perfs 12,673-14,389'.
4. Place well on hydraulic lift.

**RECEIVED**  
 MAY 30 1986

DIVISION OF  
 OIL, GAS & MINING

**18. I hereby certify that the foregoing is true and correct**

**SIGNED** Ralph Williams **TITLE** Supervising Engineer **DATE** May 22, 1986

(This space for Federal or State office use)

**APPROVED BY** \_\_\_\_\_ **TITLE** \_\_\_\_\_ **DATE** \_\_\_\_\_  
**CONDITIONS OF APPROVAL, IF ANY:**

**STATE OF UTAH**  
**DEPARTMENT OF NATURAL RESOURCES**  
**DIVISION OF OIL, GAS, AND MINING**

SUBMIT IN TRIPLICATE  
 (Other instructions on reverse side)

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
 Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <b>OIL WELL</b> <input checked="" type="checkbox"/> <b>GAS WELL</b> <input type="checkbox"/> <b>OTHER</b> <input type="checkbox"/> 2. <b>NAME OF OPERATOR</b> PENNZOIL COMPANY 3. <b>ADDRESS OF OPERATOR</b> PENNZOIL PLACE, P.O. BOX 2967, HOUSTON, TEXAS 77252 4. <b>LOCATION OF WELL</b> (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  1019 FNL & 1024 FEL (NE 1/4 NE 1/4) 16. <b>PERMIT NO.</b> 43-013-30043 18. <b>ELEVATIONS</b> (Show whether SF, RT, OR, etc.) 6286 (KB)		5. <b>LEASE DESIGNATION AND SERIAL NO.</b> FEE 6. <b>IF INDIAN, ALLOTTEE OR TRIBE NAME</b> 061706 POW 7. <b>UNIT AGREEMENT NAME</b> 8. <b>FARM OR LEASE NAME</b> HARTMAN 9. <b>WELL NO.</b> 1-31A3 10. <b>FIELD AND POOL, OR WILDCAT</b> ALTAMONT - WASATCH 11. <b>SEC., T., R., N., OR S.E. AND SURVEY OR AREA</b> SEC 31; T1S; R3W 12. <b>COUNTY OR PARISH</b> 13. <b>STATE</b> DUCHESNE UTAH
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**10. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

**NOTICE OF INTENTION TO:**

TEST WATER SHUT-OFF	<input checked="" type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input checked="" type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)			

**SUBSEQUENT REPORT OF:**

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other)			

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

**17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS** (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Plan to selectively swab test Wasatch intervals to isolate water zone. Then cement squeeze to shut off water. If casing damage is encountered during well work, plan to repair by remedial cementing.

**RECEIVED**  
 JUN 09 1987

DIVISION OF  
 OIL, GAS & MINING

**18. I hereby certify that the foregoing is true and correct**

SIGNED

*Ralph A. Williams*  
 Ralph A. Williams

TITLE Supervising Engineer

DATE May 4, 1987

(This space for Federal or State office use)

APPROVED BY

CERTIFICATE OF APPROVAL IF ANY:

TITLE

APPROVED BY THE STATE  
 OF UTAH DIVISION OF  
 OIL, GAS, AND MINING

DATE: 6-15-87

BY:

*John R. Day*

\*See Instructions on Reverse Side

1. Notify the Division of any remedial cementing work.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE\*  
(Other instructions  
verse side)

Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug  
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <b>POW 062914</b>	
2. NAME OF OPERATOR <b>Pennzoil Exploration and Production</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR <b>P.O. Box 2967, Houston, Texas 77252</b>		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface <b>1019' FNL &amp; 1024' FEL (NE 1/4, NE 1/4)</b>		8. FARM OR LEASE NAME <b>B. HARTMAN UNIT</b>	
14. PERMIT NO. <b>43-013-30093</b>		9. WELL NO. <b>1-31A3</b>	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>KB 6286 feet</b>		10. FIELD AND POOL, OR WILDCAT <b>Bluebell-Altamont</b>	
		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA <b>Sec. 31, T.1S., R.3W.</b>	
		12. COUNTY OR PARISH <b>Duchesne</b>	
		13. STATE <b>Utah</b>	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON\*

SHOOTING OR ACIDIZING

ABANDONMENT\*

REPAIR WELL

CHANGE PLANS

(Other)

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

WORK PERFORMED FROM 6-10-86 TO 7-23-86

1. PRESSURE-TESTED CSG, FOUND LEAK AT 3725'-4343'. RU DOWELL.
2. CEMENT SQUEEZED CASING LEAK 3725'-4343' WITH 300 SX CLASS "G" NEAT CEMENT (15.8 PPG, 1.15 YEILD)
3. DRILLED OUT CMT. RIH WITH 2 7/8" TBG, SET PACKER 12,001"
4. RU SMITH ENERGY TO ACIDIZE WASATCH PERFS FROM 12,674'-14,439' WITH 15,000 GAL 15% HCL AT 12.6 BPM AT 8000 PSI. RD SMITH.
5. SWAB-TESTED WELL. RIH WITH 2 7/8" TBG AND REDA PUMP.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE **Supervising Engineer**

DATE **6/24/87**

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

Work over Reports

Hartman #1-31A3

Duchesne County, Utah

Pennzoil

Hartman 1-31A3  
Duchesne County, Utah  
Section 31 - T1S - R3W

6-10-86: MIRU pulling unit - ND wellhead - NU BOP's - POOH with 240 jts  
- 2 7/8" N-80 8 rd. tubing - SIFN.

6-11-86: POOH w/ remaining 138 jts 2 7/8" N-80 8 rd tbg and laid down  
submersible pump equipment - found motor burnt and pump stiff  
- ND spherical BOP - Tally in hole with pkr plucker, mill  
shoe, and junk basdet on 378 jts 2 7/8" tbg - SIFN

6-12-86: Tally in hole w/ 5 jts 2 7/8" N-80 Nuloc tbg - Tag 7" mdl pkr  
@ 11,785' - RU power swivel - Milled on pkr 90 min - Fell thru  
- Lost 630 bbls Wasatch formation wtr while drlg - No returns  
- RD power swivel - POH w/ 383 jts tbg & tools - LD mdl "D"  
pkr complete - RIH w/ 20 jts 2 7/8" tbg - SDFN - ECTD  
\$10,601.00.

6-13-86: POH with kill string - RIH with 7" RBP and RTTS pkr on 2 7/8"  
tbg - Tag TOL at 11,835' - PU and set RBP at 11,815' - Set pkr  
at 11,785' - and test RBP to 1500 PSI - Held OK - POH with 118  
jts 2 7/8" tbg - Set pkr at 8028' - Press test down tbg to  
1500 PSI - Bled to 1050 PSI in 5 min - Rel pkr - RIH to  
11,815' - Catch and release RBP - POH w/ 65 jts 2 7/8" tbg -  
SIFN

6-14-86: POH with remaining 313 jts 2 7/8" tbg RBP and RTTS pkr -  
Tally in hole with 4 1/8" bit, 5" csg scraper, 105 jts  
2 7/8" N-80 Nuloc tbg and remaining 2 7/8" N-80 8rd tbg -  
Tagged fill at 14,359' - No restrictions through perms - POH  
w/ 84 jts 2 7/8" tbg - SDFN

6-15-86: SDF Sunday

6-16-86: POH with remaining 2 7/8" tbg - LD bit and scraper - Tally in  
hole with 5" RBP, ret head, 4 jts 2 7/8" tbg & 7" RTTS on  
2 7/8" tbg - Set 5" RBP at 11,905' - Pulled up and set 7" pkr  
at 11,742' (TOL @ 11,835') - Press test TOL to 1500 PSI - Bled  
to 1475 in 10 min - SDFN

Hartman 1-31A3  
Duchesne County, Utah  
Section 31 - T1S - R3W

- 6-17-86: Tbg on vacuum - Retest liner top - Would not test - Rel 7" pkr Tagged RBP - OK - Reset pkr at 11,742' - Pressure tbg and annulus to 1500 PSI - After 30 min tbg press 700 PSI - Csg press 1100 PSI - Bled tbg to 0 PSI - Csg press dropped from 1100 PSI to 900 PSI in 10 min - Pumped down tbg at 1450 PSI and 1/2 BPM - Csg press climbed and held at 1400 PSI - Rel pkr Catch and release RBP - POH with tbg, RBP & pkr - RIH w/ 20 jts 2 7/8" tbg - SIFN
- 6-18-86: POH with kill string - RU NL McCullough - RIH and set 5" CIBP at 11,910' - POH - Load hole and press test to 9000 PSI - OK - RIH and set 7" cmt ret at 11,650' - POH - RD NL McCullough - RIH with stinger on 378 jts 2 7/8" tbg - Tagged cmt ret - Close tbg test - Press test tbg to 2000 PSI - OK - Sting into retainer - Pumped down tbg - Pressured to 1500 PSI - SI press dropped to 1450 PSI in 10 min - Shut well in with 1000 PSI on tbg at 5:30 pm - Bled to 0 PSI by 7:00 am 6-19-86 - SIFN
- 6-19-86: Work tbg in and out of cmt retainer - Re-test liner lap to 2000 PSI - Bled to 1850 PSI in 40 min - POH with 378 jts 2 7/8" tbg and stinger - TIH with 6 1/8" tooth bit on 2 7/8" tbg - Tag cmt retainer at 11,650' - RU power swivel and stripping head - SDFN
- 6-20-86: Break circ - Circ up green oil and gas - Drill up cem ret at 11,650' - Fell through after 2 1/2 hrs - Rev circ clean - Chase to TOL - Drilled remains of cmt ret in 10 min - Circ clean for 1 hr - Closed tbg - Press down csg to 1350 PSI - Etab injection rat 1 BPM at 1350 PSI - RD pump - Bled to 1050 PSI in 10 min - RD power swivel - POH w/ 320 jts 2 7/8" tbg - SIFN
- 6-21-86: SIFW
- 6-22-86: SIFW
- 6-23-86: POH w/ remaining 82 jts tbg and 6 1/8" bit - TIH w/ Baker 7" Retrieomatic and 'G' type RBP on 381 jts 2 7/8" tbg - Set pkr at 11,742' - Press down tbg to 2000 PSI - Held 5 min OK - Pumped down annulus at 1 1/2 BPM and 1450 PSI - Rel pkr - Came up the hole testing repeatedly to 2000 PSI - Csg found good below 8116' - Set pkr at 7495' - Pumped down tbg 1/2 BPM at 1900 PSI - Pump down annulus 1 1/2 BPM at 1450 PSI - Set RBP at 7495' - Test plug to 2000 PSI - Held OK - SIFN

Hartman 1-31A3  
Duchesne County, Utah  
Section 31 - T1S - R3W

- 6-24-86: Continue to press test csg to 2000 PSI - Found csg good below 8116' - Found csg leak between 7495'-8116' of 1/2 BPM at 1900 PSI - Found csg good from 4343'-7495' - Found csg leak between 3725'-4343' of 2 BPM at 1500 PSI - Found csg good above 3725' Type 'G' RBP at 7495' - Pump 5 sks sand to EOT at 5500' - PU and set Baker Retrievmatic pkr at 3480' - fRU Dowell - Press and hold 1000 PSI on annulus - Estab injection rate 2 BPM at 1500 PSI - Pump 10 bbls fresh water pad - Mix and pump 300 sks class 'G' neat cmt (15.8 ppg, 1.15 yield, 4 hrs pmp time) at 2 1/2 BPM and 900 PSI - Displace with FSW to 3611' at 1/2 BPM - Final squeeze press 2000 PSI - SIFN w/ 1800 PSI on tbg
- 6-25-86: Rel pkr - POH w/ tbg and pkr - RIH w/ 6 1/8" bit and 7" scraper on 2 7/8" tbg - Found top of cmt at 3630' - RU power swivel - Drill medium-hard cmt 3630-3969 - Stop to pressure test at 3969' (old squeeze at 3922'-3932') - Press to 2000 PSI - Held 5 min OK - Drilled medium cmt 3969-4300 - Fell through - Circ clean press test to 2000 PSI - Bled to 1850 PSI in 5 min - SIFN
- 6-26-86: RD:power swivel - RIH with 130 jts 2 7/8" tbg - Circ sand off RBP at 7495' - POH with tbg, bit & scraper - RIH with retrieving head on Baker 7" Retrievmatic pkr on 2 7/8" tbg - Catch and release plug at 7495' - RIH and set RBP at 8985' - PU and set pkr at 7368' - Attempted to estab. injection rate for cmt squeeze - Press down tbg to 2000 PSI - Bled to 1800 PSI in 10 min - Press down annulus to 2000 PSI - Held OK 5 min - RIH and caught and release RBP at 8985' - Rev circ clean Press csg from surface to CIBP to 2000 PSI - Bled to 1700 PSI in 10 min - SDFN
- 6-27-86: POH with 2 7/8" tbg, Baker 7" Retrievmatic pkr and type "G" RBP - RIH with 4 1/8" bit on 3205' 2 7/8" N-80 Nuloc special clearance tbg and remainder 2 7/8" N-80 8rd tbg - Found remains of 7" cmt retainer 3' above TOL at 11,832' (TOL at 11,835') - RU power swivel and stripping head - Estab rev circ and drilled on cmt ret 1 hr - Fell 3' - PU hard and torque up repeatedly - Lost circ - Bit plugged off - RD power swivel - SIFN
- 6-28-86: POH wet with 393 jts 2 7/8" tbg - Found thick cmt wtr, sand, and metal - Bit destroyed - RIH with new 4 1/8" bit and 200 jts 2 7/8" tbg - SIFN
- 6-29-86: SI for Sunday

Hartman 1-31A3  
Duchesne County, Utah  
Section 31 - T1S - R3W

- 6-30-86: RIH with 193 jts 2 7/8" tbg - RU power swivel - Break circ - Tagged remains of cem ret at TOL - Drilled on cem ret and fell through after 3 hrs - Plugged off repeatedly - Rev circ clean No shavings in returns - RIH to 5" CIBP at 11,910' - Drill out CIBP in 2 hrs - Plugged off repeatedly - PU above TOL and flush csg with 100 BFSW - RIH with 2 7/8" tbg - Chase remains to 14,354' - POH with 310 jts 2 7/8" tbg - SDFN
- 7-1-86: POH with remain 2 7/8" tbg and 4 1/8" bit - RU hydrotester - Hydrotest in hole above slips to 8500 PSI with 5" Mtn States 'HD' pkr, 2 7/8 x 2.25 ID seat nipple, 3205'-2 7/8" N-80 Nuloc special clearance tbg and remainder 2 7/8" N-80 8rd tbg - Had trouble getting pkr through TOL - Set pkr at 12,001' in 25,000# compression - Fill annulus and test - OK - SDFN
- 7-2-86: RU Smith Energy to acidize Wasatch perfs 12,674'-14,439' w/ 15,000 gal 15% HCL with 15 lb/1000 gal AGA-1 (gelling agent, 1 gal/1000 EPS-6 (emul break), 3 gal/1000 CIA-2 (corr inhib), 10 gal/1000 CA-4 (chelating agent) & 1 gal/1000 AFR-1 (acid fric red) and 600 RCN ball sealers - Set and tested annulus pop-off at 1500 PSI - Tested lines to 9500 PSI - OK - Press and held 1000 PSI on annulus - Start balls after 10 bbls acid gone and dropped evenly throughout acid - Caught pressure after 45 bbl gone - Stabilized at 12.6 BPM and 8000 PSI - Saw no ball action until 210 bbl gone Saw slight to moderate ball action through remainder of job - Flushed with 81 bbls 2% KCL wtr with 0.5 gal/1000 WFR-2 (fric red) - Max rate 12.6 BPM at 8600 PSI - Aver rate 12 BPM at 8200 PSI - ISIP 2400 PSI - 5 min SIP 150 PSI - 10 min SIP 100 PSI - 15 min SIP 80 PSI - RD Smith - RUTS - Swbd 200 bbls fluid in 20 runs - 5 BO and 195 bbl acid water - IFL 4800' - Stabilized FL at 6000'-6300' - PH last run 6 - 232 bbl load water to recv SDFN
- 7-3-86: Continue swabbing back acid job - Swbd 20 BO & 210 BW in 11 hrs from an average fluid level of 6000' - 22 bbls load wtr to recover
- 7-4-86: SI for Holiday
- 7-5-86: SI for Holiday
- 7-6-86: SI for Holiday
- 7-7-86: 72 hr SITP 500 PSI - Fluid level 2900' - Continued swabbing - Made 26 swab runs in 10 hrs - Average fluid level 6000' - Swbd 70 BO and 67 BW - 24 hr rate 168 BO & 160 BW - All load water recovered



Hartman 1-31A3  
Duchesne County, Utah  
Section 31 - T1S - R3W

- 7-8-86: Continue swabbing - Swabbed 62 BO & 75 BW in 10 hrs with 25 swab runs from average fluid level of 6000' - 24 hr rate 149 BO and 180 BW
- 7-9-86: Rel pkr - POH w/ 370 jts 2 7/8" tbg, SN and pkr - RIH w/ kill string - SIFN
- 7-10-86: POH with kill string - NU Hydril BOP - RIH with REDA DN 450, 459 stage, 60 HP submersible pump on 2 7/8" N-80 8rd tbg to 4500' - SIFN
- 7-11-86: Continue RIH w/ remaining 232 jts 2 7/8" N-80 8rd tbg - ND BOP NU wellhead - Land tbg - Started REDA submersible pump - Pumped up in 90 min - Will report production 1 day late
- 7-12-86: Pumped 0 BO & 405 BW in 17 hrs on REDA DN 450 submersible pump
- 7-13-86: Pumped 43 BO & 530 BW in 24 hrs on REDA DN 450 submersible pump
- 7-14-86: Pumped 26 BO & 430 BW in 24 hrs on REDA submersible pump - RD pulling unit
- 7-15-86: Pumped 33 BO and 450 BW in 24 hrs on REDA submersible pump
- 7-16-86: Pumped 27 BO and 493 BW in 24 hrs on REDA submersible
- 7-17-86: Pumped 27 BO and 455 BW in 24 hrs on REDA submersible
- 7-18-86: Pumped 33 BO & 431 BW in 24 hrs on REDA submersible
- 7-19-86: Pumped 41 BO & 505 BW in 24 hrs on REDA submersible
- 7-20-86: Pumped 41 BO & 312 BW in 24 hrs on REDA submersible
- 7-21-86: Pumped 43 BO & 427 BW in 24 hrs on REDA submersible
- 7-22-86: Pumped 33 BO & 408 BW in 24 hrs on REDA submersible

DATE 8/4/86 DAILY WORKOVER / COMPLETION REPORT PAGE 1 OF 1

WELL NAME & NO. <u>Hartman 1-31A3</u>		FIELD <u>Altamont</u>	
SEC. <u>31</u>	TWP <u>T1S</u>	RGE <u>R3W</u>	COUNTY <u>Duchesne</u> STATE <u>Utah</u>
AFE NO.		PZL. W.I.	GROSS AFE
JOB DESCRIPTION <u>Repair casing and acidize</u>		SUPPLEMENT 1	
		TOTAL GROSS AFE	

	SIZE	WT.	GRADE	DEPTH	THREAD
CSG STRING	7"	26#		12060	
	5"	18#		11835 - 14497	
TBG. STRING(S)	2 7/8"	6.5#	N-80	11610	

## PERF RECORD

COST ITEMS	TD	PDTD	PERFS/FMT	BITP
LOC	PKR ●	S.N. ●	EOT ● <u>11610</u>	
RIG	WORK PERFORMED			
MUD/H <sub>2</sub> O	<u>Pumped 27 Bbl / 367 BW in 24 hrs on REDA submersible</u>			
TANKS				
CMTG				
H <sub>2</sub> S				
E. LOGS				
PERF				
STIMULATION				
SUPV				
TRANS				
CSG				
TBG				
S TOOLS				
D H TOOLS				
D H EQUIP				
D H LIFT				
PMPG U				
S EQUIP				
TREE / BOP				
CHEM				
OTHER				
TOTAL				
TOT <u>24540</u>	RIG	SUPERVISOR <u>Lankford</u>		

DATE 8/5/86 DAILY WORKOVER / COMPLETION REPORT PAGE 1 OF 1

WELL NAME & NO.		FIELD	
<u>Hartman 1-31A3</u>		<u>Altamont</u>	
SEC.	TWP	RGE	COUNTY
<u>31</u>	<u>T1S</u>	<u>R3W</u>	<u>Duchesne</u>
PZL W.I.		STATE	
<u>Utah</u>			
GROSS AFE			
SUPPLEMENT 1			
TOTAL GROSS AFE			

	SIZE	WT.	GRADE	DEPTH	THREAD
CSG STRING	7"	26 <sup>#</sup>		12060	
	5"	18 <sup>#</sup>		11835-14497	
TBG. STRING(S)	2 7/8"	6.5	N-80	11610	8 rd

## PERF RECORD

COST ITEMS	TD	PDTD	PERF/FMT
LOC	PKR ●	S.N. ●	EOT ● <u>11610</u>
RIG	WORK PERFORMED		
MUD/H <sub>2</sub> O			
TANKS	<u>Pumped 38 B0 / 436 BW in 2 1/2 hrs. on REDA submersible</u>		
CMTG			
H2S			
E. LOGS			
PERF			
STIMULATION			
SUPV			
TRANS			
CSG			
TBG			
B TOOLS			
D H TOOLS			
D H EQUIP			
D H LIFT			
PMPG U			
S EQUIP			
TREE / BOP			
CHEM			
OTHER			
TOTAL			
TOT	RIG	SUPERVISOR <u>Lankford</u>	

DATE 8/6/86 DAILY WORKOVER / COMPLETION REPORT PAGE 1 OF 1

WELL NAME & NO. <u>Hartman 1-31A3</u>		FIELD <u>Altamont</u>	
SEC. <u>31</u>	TWP <u>T1S</u>	RGE <u>R3W</u>	COUNTY <u>Duchess</u> STATE
AFE NO.		PZL W.I.	GROSS AFE
JOB DESCRIPTION		SUPPLEMENT 1	
		TOTAL GROSS AFE	

	SIZE	WT.	GRADE	DEPTH	THREAD
CSG STRING					
TBG STRING(S)					

## PERF RECORD

COST ITEMS	TD	PDTD	PERFS/FMT
LOC	PKR ●	S.N. ●	EOT ● SITP
RIG	WORK PERFORMED		
MUD/H <sub>2</sub> O	<u>Pumped 33 Bbl / 441 BW in 24 hrs on REDA submersible</u>		
TANKS			
CMTG			
H2S			
E. LOGS			
PERF			
STIMULATION			
BPV			
TRANS			
CSG			
TBG			
B TOOLS			
D H TOOLS			
D H EQUIP			
D H LIFT			
PMPG U			
B EQUIP			
TREE / BOP			
CHEM			
OTHER			
TOTAL			
TDY	RIG	SUPERVISOR <u>1. [Signature]</u>	

WELL NAME & NO. <u>Hartman 1-3/A3</u>		FIELD <u>Altamont</u>	
SEC. <u>31</u>	TWP <u>T1S</u>	RGE <u>R3W</u>	COUNTY <u>Duchene</u>
AFF NO.		PZL. W.I.	STATE <u>Utah</u>
JOB DESCRIPTION <u>Repair casing and acidize</u>			SUPPLEMENT 1
			TOTAL GROSS AFE

	SIZE	WT.	GRADE	DEPTH	THREAD
CSG STRING	7"	26#			
	5"	18#			
TBG STRING(S)	2 7/8"	6.5#	N-80	11610	8 rd

## PERF RECORD

COST ITEMS	TD	POTD	PERFS/FMT
LOC	PKR ●	S.N. ●	EOT ● SITP
RIG	WORK PERFORMED		
MUD/H <sub>2</sub> O			
TANKS			
CMTG	8/7/86 Pumped 33 BO / 441 BW in 24 hrs on REDA submersible.		
H2S			
E. LOGS	8/8/86 Pumped 33 BO / 454 BW in 24 hrs on REDA submersible.		
PERF			
STIMULATION			
BUV	8/9/86 Pumped 32 BO / 451 BW in 24 hrs on REDA submersible.		
TRANS			
CSG			
TBG	8/10/86 Pumped 35 BO / 444 BW in 24 hrs on REDA submersible.		
S TOOLS			
D H TOOLS			
D H EQUIP			
D H LIFT			
PMPG U			
S EQUIP			
TREE / BOP			
CHEM			
OTHER			
TOTAL			
TOT <u>89549</u>	RIG	SUPERVISOR <u>Lankford</u>	

DATE 8/11/86 **DAILY WORKOVER / COMPLETION REPORT** PAGE 1 OF 1

WELL NAME & NO. <u>Hartman 1-31A3</u>		FIELD <u>Altamont</u>	
SEC <u>31</u>	TWP <u>T 1 S</u>	RGE <u>R 3 W</u>	COUNTY <u>Duchesne</u> STATE <u>Utah</u>
AFE NO.		PZL W.I.	GROSS AFE
JOB DESCRIPTION <u>Repair casing and acidize</u>		SUPPLEMENT 1	
		TOTAL GROSS AFE	

	SIZE	WT.	GRADE	DEPTH	THREAD
CSG STRING	7"	26 #		12060	
	5"	18 #		11835 - 14497	
TBG. STRING(S)	2 7/8"	6.5 #	N-80	11610	8 rd

## PERF RECORD

COST ITEMS	TD	PDTD	PERF/FMT
LOC	PKR ●	S.N. ●	EOT ● SITP
RIG	WORK PERFORMED		
MUD/H <sub>2</sub> O			
TANKS	Pumped 31 B0 / 450 BW in 24 hrs. on REDA		
CMTG	submersible		
H <sub>2</sub> S			
E. LOGS			
PERF			
STIMULATION			
SUPV			
TRANS			
CSG			
TBG			
S TOOLS			
D H TOOLS			
D H EQUIP			
D H LIFT			
PMPG U			
S EQUIP			
TREE / BOP			
CHEM			
OTHER			
TOTAL			
TDT	RIG	SUPERVISOR	

DATE 8/12/86 DAILY WORKOVER / COMPLETION REPORT PAGE 1 OF 1

WELL NAME & NO. Hartman 1-31 A3 FIELD Altamont  
 SEC 31 TWP T 1 S RGE R 3 W COUNTY Duchesne STATE Utah

AFE NO.                      PZL W.I.                      GROSS AFE                     

JOB DESCRIPTION Repair casing and acidize. SUPPLEMENT 1                       
 TOTAL GROSS AFE                     

	SIZE	WT.	GRADE	DEPTH	THREAD
CSG STRING	7"	26 <sup>#</sup>		12060	
	5"	18 <sup>#</sup>		11835 - 14497	
TBG. STRING(S)	2 7/8"	6.5 <sup>#</sup>	N-80	11610	Brd

PERF RECORD

COST ITEMS	TD	PD TD	PERF/FMT
LOC	PKR ●	S.N. ●	EOT ● <u>11610</u>

RIG	WORK PERFORMED
MUD/H <sub>2</sub> O	
TANKS	<u>Pumped 33 BO / 419 BW in 24 hrs on REDA</u>
CMTG	<u>submersible.</u>
H2S	
E LOGS	
PERF	
STIMULATION	
SUPV	
TRANS	
CSG	
TBG	
S TOOLS	
D H TOOLS	
D H EQUIP	
D H LIFT	
PMPO U	
S EQUIP	
TREE / BOP	
CHEM	
OTHER	
TOTAL	

SUPERVISOR

DATE 8/13/86 DAILY WORKOVER / COMPLETION REPORTPAGE 1 OF 1

WELL NAME &amp; NO.

Hortman 1-31A3

FIELD

Altamont

SEC.

31

TWP

T 1 S

RGE

R 3 W

COUNTY

Duchesne

STATE

Utah

AFE NO.

PZL W.I.

GROSS AFE

JOB DESCRIPTION

Repair casing and acidize.

SUPPLEMENT 1

TOTAL GROSS AFE

	SIZE	WT.	GRADE	DEPTH	THREAD
CSG STRING	7"	26 #		12060	
	5"	18 #		11835 - 14497	
TBG STRING(S)	2 7/8"	6.5 #	N-80	11610	8 rd

## PERF RECORD

COST ITEMS	TD	POTD	PERFS/FT	
LOG	PKR	S.N.	EO	NTP
RIG	WORK PERFORMED			
MUD/H <sub>2</sub> O				
TANKS	<u>Pumped 54 BQ / 427 BW in 24 hrs o REDA submersible</u>			
CMTG				
H2S				
E. LOGS				
PERF				
STIMULATION				
SUPV				
TRANS				
CSG				
TBG				
S TOOLS				
DH TOOLS				
DH EQUIP				
DH LIFT				
PMPG U				
S EQUIP				
TREE / BOP				
CHEM				
OTHER				
TOTAL				
TOT	RIG	SUPERVISOR <u>1-160d</u>		



DATE 8/14/86 DAILY WORKOVER / COMPLETION REPORTPAGE 1 OF 1

WELL NAME &amp; NO.

Hartman 1-31A3

FIELD

Altamont

SEC.

31

TWP

T1S

RGE

R3W

COUNTY

Duchesne

STATE

Utah

AFE NO.

REL. W.I.

GROSS AFE

JOB DESCRIPTION

Repair casing and acidize

SUPPLEMENT 1

TOTAL GROSS AFE

	SIZE	WT.	GRADE	DEPTH	THREAD
CSG STRING	<u>7"</u>	<u>26#</u>		<u>12060</u>	
	<u>5"</u>	<u>18#</u>		<u>11835 - 14497</u>	
TBG. STRING(S)	<u>2 3/8"</u>	<u>6.5#</u>	<u>N-80</u>	<u>11610</u>	<u>B rd</u>

PERF RECORD

COST ITEMS	TD	FOED	PERF/PMT	
LOC	PKR ●	S.N. ●	EOT ●	SITP
RIG	WORK PERFORMED			
MUD/H <sub>2</sub> O	<u>Pumped to 80 / 470 BW in 24 hrs. on REDA submersible</u>			
TANKS				
CMTG				
H2S				
E LOGS				
PERF				
STIMULATION				
SUPV				
TRANS				
CSG				
TBG				
S TOOLS				
D H TOOLS				
D H EQUIP				
D H LIFT				
PMPQ U				
S EQUIP				
THREE / BOP				
CHEM				
OTHER				
TOTAL				

DATE 8/15-17/86 DAILY WORKOVER / COMPLETION REPORT PAGE 1 OF 1

WELL NAME & NO. <u>Hartman 1-31 A3</u>		FIELD <u>Altament</u>	
SEC. <u>31</u>	TWP <u>T 1 S</u>	RGE <u>R 3 W</u>	COUNTY <u>Duchesne</u> STATE <u>Utah</u>
API NO.		PZL W.J.	GROSS AFE
JOB DESCRIPTION <u>Repair casing and acidize</u>		SUPPLEMENT 1	
		TOTAL GROSS AFE	

	SIZE	WT.	GRADE	DEPTH	THREAD
CSG STRING	7"	26 #		12060	
	5"	18 #		11835 - 14497	
TBG. STRING(S)	2 7/8"	6.5 #	N-80	11610	8 rd

## PERF RECORD

COST ITEMS	TD	PD TD	PERFS/FMT
LOC	PCR @	S.N. @	BOT @
RIG	WORK PERFORMED		
MUD/ H <sub>2</sub> O			
TANKS	8/15/86 Pumped 36 B0 / 415 BW in 24 hrs. on		
CMTR	REDA submersible.		
H2S			
E. LOGS			
PERF	8/16/86 Pumped 28 B0 / 477 BW in 24 hrs. on		
STIMULATION	REDA submersible		
SUPV			
TRANS	8/17/86 Pumped 41 B0 / 468 BW in 24 hrs. on		
CSG	REDA submersible.		
TBG			
S TOOLS			
D H TOOLS			
D H EQUIP			
D H LIFT			
PMPG U			
S EQUIP			
TREE / SOP			
CHEM			
OTHER			
TOTAL			

DATE 8/18/86 DAILY WORKOVER / COMPLETION REPORTPAGE 1 OF 1

WELL NAME &amp; NO.

Hartman 1-31A3

FIELD

Altamont

SEC.

31

TWP

T 1 S

RGE

R 3 W

COUNTY

Duchesne

STATE

Utah

AFE NO.

FZL W.I.

GROSS AFE

JOB DESCRIPTION

Repair casing and acidize.

SUPPLEMENT 1

TOTAL GROSS AFE

	SIZE	WT.	GRADE	DEPTH	THREAD
CSG STRING	7"	26#		12060	
	5"	18#		11835 - 14497	
TBG. STRING(S)	2 7/8"	6.5#	N-80	11610	8 rd

## PERF RECORD

COST ITEMS	TD	PDTD	PERF/PMT	
LOC	POR	S.N.	EOT	SITP
RIG	WORK PERFORMED			
MUD/H <sub>2</sub> O	<u>Pumped 19 80 / 451 BW in 24 hrs. on REDA submersible</u>			
TANKS				
CMTG				
HES				
E. LOGS				
PERF				
STIMULATION				
SUPV				
TRANS				
CSG				
TBG				
S TOOLS				
D H TOOLS				
D H EQUIP				
D H LIFT				
PMPQ U				
S EQUIP				
TREE / BOP				
CHEM				
OTHER				
TOTAL				
RIG				
SUPERVISOR				

DATE 8/19/86 DAILY WORKOVER / COMPLETION REPORT PAGE 1 OF 1

WELL NAME & NO.		Hartman 1-31A3		FIELD		Altament	
SEC.	31	TWP	T 1 S	RGE	R 3 W	COUNTY	Duchesne
APE NO.		PZL W.I.		GROSS AFE		STATE	
JOB DESCRIPTION		Repair casing and acidize		SUPPLEMENT 1		Utah	
				TOTAL GROSS AFE			

	SIZE	WT.	GRADE	DEPTH	THREAD
CSG STRING	7"	26 #			
	5"	18 #			
TBG STRING(S)	2 7/8"	6.5	N-80	11610	8 rd

## PERF RECORD

COST ITEMS	TD	POTD	PERF/FMT	
LOC	PCR @	S.N. @	DOT @	SITP
RIG	WORK PERFORMED			
MUD/H <sub>2</sub> O				
TANKS	Pumped 32 B0 / 479 BW in 24 hrs. on REDA submersible			
TMG				
HSS				
E. LOGS				
PERF				
STIMULATION				
SUPV				
TRANS				
CSG				
TBG				
S TOOLS				
D H TOOLS				
D H EQUIP				
D H LIFT				
PMPG U				
S EQUIP				
TREE / BOP				
CHEM				
OTHER				
TOTAL				
TOT	RIG	SUPERVISOR		

WELL NAME & NO. <b>Hartman 1-31 A3</b>		FIELD <b>Altamont</b>	
SEC. <b>31</b>	TWP <b>T 1 S</b>	RGE <b>R 3 W</b>	COUNTY <b>Duchesne</b>
AFB NO.		PZL. W.I.	STATE <b>Utah</b>
JOB DESCRIPTION <b>Repair casing and acidize</b>		SUPPLEMENT 1	
		TOTAL GROSS AFE	

	SIZE	WT.	GRADE	DEPTH	THREAD
CSG STRING	7"	26#			
	5"	18#			
TBG. STRING(S)	2 7/8"	6.5#	N-80	11610	8 rd

## PERF RECORD

COST ITEMS	TD	PDTD	PERF/PMT	
LOG	FOR @	S.N. @	EOT @	SITT
RIG	WORK PERFORMED			
MUD/H <sub>2</sub> O				
TANKS	Pumped 22 80 / 435 BW in 24 hrs. on REDA submersible			
CMTG				
H2S				
E. LOGS				
PERF				
STIMULATION				
SUPV				
TRANS				
CSG				
TBG				
S TOOLS				
D H TOOLS				
• • • EQUIP				
D R LIFT				
PMPG U				
S EQUIP				
TREE / BOP				
CHEM				
OTHER				
TOTAL				
TDT <b>84549</b>	RIG	SUPERVISOR <b>Lankford</b>		

DATE 8/21/86 **DAILY WORKOVER / COMPLETION REPORT** PAGE 1 OF 1

WELL NAME & NO.		<u>Hartman 1-31A3</u>		FIELD <u>Altamont</u>	
SEC.	<u>31</u>	TWP	<u>T1S</u>	RGE	<u>R3W</u>
COUNTY		<u>Duchesne</u>		STATE <u>Utah</u>	
WFE NO.		PZL. W.I.		GROSS AFE	
JOB DESCRIPTION				SUPPLEMENT 1	
<u>Repair casing and acidize</u>				TOTAL GROSS AFE	

	SIZE	WT.	GRADE	DEPTH	THREAD
CSG STRING	7"	26#			
	5"	18#			
TBG. STRING(S)	2 7/8"	6.5#	N-80	11610	8 rd

## PERF RECORD

COST ITEMS	TD	PDID	PERFS/FMT
LOC	PKR	S.N.	EOT <u>11610</u>
RIG	WORK PERFORMED		
MUD/H <sub>2</sub> O	<u>Pumped 27.80 / 461 BW in 24 hrs. on REDA submersible</u>		
TANKS			
ATG			
H2S			
E. LOGS			
PERF			
STIMULATION			
SUPV			
TRANS			
CSG			
TBG			
S TOOLS			
D H TOOLS			
D H EQUIP			
D H LIFT			
PMPG U			
S EQUIP			
TREE / BOP			
CHEN			
THEN			
TOTAL			

WELL NAME & NO. Hartman 1-31A3 FIELD AltamontSEC. 31 TWP T 1 S RGE R 3 W COUNTY Duchesne STATE Utah

AFE NO. PZL W.I. GROSS AFE

WELL IDENTIFICATION Repair casing and acidize. SUPPLEMENT 1

TOTAL GROSS AFE

	SIZE	WT.	GRADE	DEPTH	THREAD
CSG STRING	7"	26#	S 95	12060	
	5"	12#	D 110	11825-14407	11, 1-1
TBG. STRING(S)	2 7/8"	6.5#	N-80		8 rd

## PERF RECORD

COST ITEMS	TD <u>14500</u>	PDTD <u>14478</u>	PERFS/FMT <u>Wasatch gross: 12674-14439</u>
LOC	PKR	S.N.	EOT SITP
RIG	WORK PERFORMED		
MUD/H <sub>2</sub> O	<u>460</u>		
TANKS	<u>40</u>		
CMTG	<u>Continue RIH with remaining 232 ints 2 7/8" N-80</u>		
H <sub>2</sub> B	<u>8rd tubing. ND BOP. NU well head. Land thg.</u>		
LOGS	<u>Started REDA submersible pump. Pumped up</u>		
PERF	<u>in 90 min.</u>		
STIMULATION	<u>Will report production 1 day late.</u>		
SUPV			
TRANS			
CSG			
TBG			
S TOOLS			
D H TOOLS			
D H EQUIP			
D H LIFT			
PMPG U			
S EQUIP			
TREE / BOP			
CHEM			
OTHER			
TOTAL	<u>5715</u>		
TDT	<u>89174</u>	RIG <u>Temples</u>	SUPERVISOR <u>Lankford</u>

WELL NAME &amp; NO.

Hartman 1-31A3

FIELD

Altamont

SEC.

31

TWP

T 15

RGE

R 3 W

COUNTY

Duchesne

STATE

Utah

AFE NO.

FZL. W.I.

GROSS AFE

JOB DESCRIPTION

Repair casing and acidize

SUPPLEMENT 1

TOTAL GROSS AFE

	SIZE	WT.	GRADE	DEPTH	THREAD
CSG STRING	7"	26 #	S 95	12060	
	5"	18 #	P 110	11835 - 14497	Hydri1
TBG. STRING(S)	2 7/8"	6.5 #	N-80	11460	8 rd

## PERF RECORD

COST ITEMS	TD <u>14500</u>	PDTD <u>14478</u>	PERF/FMT <u>Wasatch gross: 12674-14439</u>
LOC	PKR ●	S.N. ●	EOT ● <u>11520</u> SITP
RIG	WORK PERFORMED <u>7/12/86</u>		
MUD/H <sub>2</sub> O	<u>Pumped 0 BO / 405 BW in 17 hrs. on REDA</u>		
TANKS	<u>DN 450 submersible pump</u>		
CMTG			
H28			
LOGS	<u>7/13/86</u>		
PERF	<u>Pumped 43 BO / 530 BW in 24 hrs. on REDA</u>		
STIMULATION	<u>DN 450 submersible pump</u>		
SUPV			
TRANS			
CSG			
TBG			
S TOOLS			
D H TOOLS			
D H EQUIP			
D H LIFT			
PMPG U			
S EQUIP			
TREE / BOP			
CHEM			
OTHER			
TOTAL			
TD	<u>89174</u>	RIG <u>Temples</u>	SUPERVISOR <u>Lankford</u>



DATE 7/14/86 **DAILY WORKOVER / COMPLETION REPORT** PAGE 1 OF 1

WELL NAME & NO. Hartman 1-31A3 FIELD Altamont

SEC 31 TWP T1S RGE R3W COUNTY Duchesne STATE Utah

AFE NO. \_\_\_\_\_ PZL W.I. \_\_\_\_\_ GROSS AFE \_\_\_\_\_

JOB DESCRIPTION Repair casing and acidize. SUPPLEMENT 1 \_\_\_\_\_

TOTAL GROSS AFE \_\_\_\_\_

	SIZE	WT.	GRADE	DEPTH	THREAD
CSG STRING	7"	26 #	S 95	12060	
	5"	18 #	P 110	11835 - 14497	Hydri/
TBG. STRING(S)	2 7/8"	6.5 #	N 80	11460	B rd

## PERF RECORD

COST ITEMS	TD	PDTD	PERFS/FMT
LOC	PKR	S.N.	EOT
RIG	WORK PERFORMED		SITP
MUD/H <sub>2</sub> O			
TANKS			
CMTG			
H2S			
E. LOGS			
PERF			
STIMULATION			
SUPV			
TRANS			
CSG			
TBG			
S TOOLS			
D H TOOLS			
D H EQUIP			
D H LIFT			
PMPG U			
S EQUIP			
TREE / BOP			
CHEM			
OTHER			
TOTAL			

Wesatch (gross): 12674 - 14439

11520

Pumped 26 BO / 430 BW in 24 hrs. on REDA submersible pump.

RD pulling unit.

375

DATE 7/15/86 **DAILY WORKOVER / COMPLETION REPORT** PAGE      OF     

WELL NAME & NO. Hartman 1-31A3 FIELD Altamont

SEC. 31 TWP T1S RGE R3W COUNTY Duchesne STATE Utah

AFE NO.      PZL W.I.      GROSS AFE     

JOB DESCRIPTION Repair casing and acidize SUPPLEMENT 1     

TOTAL GROSS AFE     

	SIZE	WT.	GRADE	DEPTH	THREAD
CSG STRING	7"	26 #	S 95	12060	
	5"	18 #	P 110	11835 - 14497	Hydril
TBG. STRING(S)	2 7/8"	6.5 #	N-80	11610	8 rd

## PERF RECORD

COST ITEMS	TD <u>14500</u>	POTD <u>14478</u>	PERFS/FMT <u>Wasatch 12673 - 14439</u>
LOG	PKR ●	S.N. ●	EOT ● <u>11683</u> SITP
RIG	WORK PERFORMED		
MUD/H <sub>2</sub> O	<u>Pumped 33 B0 / 450 BW in 24 hrs. on REDA</u>		
TANKS	<u>submersible pump.</u>		
JMTG			
H2S			
E. LOGS			
PERF			
STIMULATION			
SUPV			
TRANS			
CSG			
TBG			
S TOOLS			
D H TOOLS			
D H EQUIP			
D H LIFT			
PMPG U			
S EQUIP			
TREE / BOP			
CHEM			
OTHER			
TOTAL			

DATE 7/16/86 DAILY WORKOVER / COMPLETION REPORT PAGE 1 OF 1

WELL NAME & NO. Hartman 1-31A3 FIELD Altamont

SEC. 31 TWP T1S RGE R3W COUNTY Duchesne STATE Utah

AFE NO. PZL W.I. GROSS AFE

JOB DESCRIPTION Repair casing and acidize SUPPLEMENT 1

TOTAL GROSS AFE

	SIZE	WT.	GRADE	DEPTH	THREAD
CSG STRING	7"	26 <sup>#</sup>	S 95	12060	
	5"	18 <sup>#</sup>	P 110	11835 - 14497	Hydril
TBG. STRING(S)	2 3/4"	6.5 <sup>#</sup>	N-80		8rd

## PERF RECORD

COST ITEMS	TD <u>14500</u>	PDTD <u>14478</u>	PERF/INT <u>Wasatch - 12673 - 14439</u>
LOC	PKR <input type="checkbox"/>	S.N. <input type="checkbox"/>	EOT <input type="checkbox"/> SITP
RIG	WORK PERFORMED		
MUD/H <sub>2</sub> O	<u>Pumped 27 BO and 493 BW in 24 hrs. on</u>		
TANKS			
MTG	<u>REDA submersible</u>		
H2S			
E. LOGS			
PERF			
STIMULATION			
SUPV			
TRANS			
CSG			
TBG			
S TOOLS			
D H TOOLS			
D H EQUIP			
D H LIFT			
PMPG U			
S EQUIP			
TREE / BOP			
CHEM			
OTHER			
TOTAL			

WELL NAME & NO. Hartman 1-3113 FIELD AltamentSEC. 31 TWP T1S RGE R3W COUNTY Duchesne STATE Utah

AFE NO. PZL W.I. GROSS AFE

JOB DESCRIPTION Repair casing and acidize SUPPLEMENT 1

TOTAL GROSS AFE

	SIZE	WT.	GRADE	DEPTH	THREAD
CSG STRING	7"	26*	95	12060	
	5"	18*	P 110	11835-14497	Hydril
TBG. STRING(S)	2 7/8"	6.5*	N-80		8 rd.

## PERF RECORD

COST ITEMS	TD	PDYD	PERF/FMT
LOC	14500	14478	Wasatch 12673-14439
	PKR	S.N.	EOT 11610 SITP

RIG WORK PERFORMED 7/18/86MUD/H<sub>2</sub>O Pumped 33 BO/431 BW in 24 hrs on REDATANKS submersible

CMTG

H2S

LOGS 7/19/86PERF Pumped 41 BO/505 BW in 24 hrs on REDASTIMULATION submersible

SUPV

TRANS 7/20/86CSG Pumped 41 BO/312 BW in 24 hrs on REDATBG submersible

S TOOLS

D H TOOLS

D H EQUIP

D H LIFT

PMPG U

S EQUIP

TREE / BOP

CHEM

OTHER

TOTAL

TOT 89549 RIG SUPERVISOR Lankford

DATE 7/21/86 DAILY WORKOVER / COMPLETION REPORT PAGE 1 OF 1

WELL NAME & NO. <u>Hartman 1-31.43</u>		FIELD <u>Attament</u>	
SEC. <u>31</u>	TWP <u>T1S</u>	RGE <u>R3W</u>	COUNTY <u>Duchesne</u>
AFB NO.		PZL. W.I.	GROSS AFE
JOB DESCRIPTION <u>Repair Casing and Acidize</u>		SUPPLEMENT 1	
		TOTAL GROSS AFE	

	SIZE	WT.	GRADE	DEPTH	THREAD
CSG STRING	7"	26*	S 95	12060	
	5"	18*	P 110	11835-14497	Hydril
TBC STRING(S)	2 7/8"	6.5*	N-80	11610	8 cd

## PERF RECORD

COST ITEMS	TD <u>17500</u>	PDTD <u>14478</u>	PERF8/MT <u>Wavatch 12673-14439</u>
LOC	PKR ●	S.N. ●	EOT ●
RIG	WORK PERFORMED		
MUD/H <sub>2</sub> O	<u>Pumped 43 80 / 427 BW in 24 hrs. on REDA submersible</u>		
TANKS			
CMTG			
H2S			
E. LOGS			
PERF			
STIMULATION			
SUPV			
TRANS			
CSG			
TBC			
S TOOLS			
D H TOOLS			
D H EQUIP			
D H LIFT			
PMPG U			
S EQUIP			
TREE / BOP			
CHEM			
OTHER			
TOTAL			
TDT <u>29549</u>	RIG	SUPERVISOR <u>Landford</u>	

DATE 7/22/86 DAILY WORKOVER / COMPLETION REPORT PAGE 1 OF 1

WELL NAME & NO. <u>Hartman 1-31A3</u>		FIELD <u>Altamont</u>	
SEC. <u>31</u>	TWP <u>T 1 S</u>	RGE <u>R 3 W</u>	COUNTY <u>Duchesne</u> STATE <u>Utah</u>
AFE NO.		PZL W.I.	GROSS AFE
JOB DESCRIPTION <u>Repair casing and acidize</u>		SUPPLEMENT 1	
		TOTAL GROSS AFE	

	SIZE	WT.	GRADE	DEPTH	THREAD
CSG STRING	7"	26 #	S 95	12060	
	5"	18 #	P 110	11835-14497	Hydril
TBG. STRING(S)	2 3/8"	6.5 #	N-80	11610	8 rd

## PERF RECORD

COST ITEMS	TD <u>14500</u>	PDTD <u>14478</u>	PERF/FMT <u>Wasatch 12673-14439</u>
LOC	PKR ●	S.N. ●	EDT ● SITP
RIG	WORK PERFORMED		
MUD/H <sub>2</sub> O	<u>Pumped 33 BD / 408 BW in 24 hrs. on REDA submersible</u>		
TANKS			
CMTG			
H2S			
E. LOGS			
PERF			
STIMULATION			
SUPV			
TRANS			
CSG			
TBG			
S TOOLS			
DH TOOLS			
DH EQUIP			
DH LIFT			
PMPG U			
S EQUIP			
TREE / BOP			
CHEM			
OTHER			
TOTAL			
TDI <u>89549</u>	RIG	SUPERVISOR <u>Lankford</u>	

WELL NAME &amp; NO.

Hartman 1-31A3

FIELD

Altamont

SEC.

31

TWP

T 1 S

RGE

R 3 W

COUNTY

Duchesne

STATE

Utah

AFE NO.

PZL. W.I.

GROSS AFE

JOB DESCRIPTION

Repair casing and acidize.

SUPPLEMENT 1

TOTAL GROSS AFE

	SIZE	WT.	GRADE	DEPTH	THREAD
CSG STRING	7"	26*	S 95	12060	
	5"	18*	P 110	11835 - 14497	Hydri1
TBG. STRING(S)	2 7/8"	6.5*	N-80	11610	8 rd.

## PERF RECORD

COST ITEMS	TD <u>14500</u>	PD TD <u>14478</u>	PERF/FMT <u>Wasatch 12673 - 14439</u>
LOC	PKR ●	S.N. ●	EOT ● <u>11610</u> BITP
RIG	WORK PERFORMED		
MUD/H <sub>2</sub> O	<u>Pumped 38 B0 / 362 BW in 24 hrs. on REDA submersible.</u>		
TANKS			
CMTG			
42B			
LOGS			
PERF			
STIMULATION			
SUPV			
TRANS			
CSG			
TBG			
S TOOLS			
D H TOOLS			
D H EQUIP			
D H LIFT			
PMPG U			
S EQUIP			
TREE / BOP			
CHEM			
OTHER			
TOTAL			
TDT <u>89549</u>	RIG	SUPERVISOR <u>Lankford</u>	

## DAILY WORKOVER / COMPLETION REPORT

DATE 7/24/86PAGE 1 OF 1

WELL NAME &amp; NO.

Hartman 1-31A3

FIELD

Attamont

SEC.

31

TWP

T1S

RGE

R3W

COUNTY

Duchesne

STATE

Utah

AFE NO.

PZL. W.I.

GROSS AFE

JOB DESCRIPTION

Repair casing and acidize

SUPPLEMENT 1

TOTAL GROSS AFE

	SIZE	WT.	GRADE	DEPTH	THREAD
CSG STRING	<u>7"</u>	<u>26<sup>#</sup></u>	<u>S-95</u>	<u>12060</u>	
	<u>5"</u>	<u>18<sup>#</sup></u>	<u>P 110</u>	<u>11835-14497</u>	<u>Hydril</u>
TBG STRING(S)	<u>2 3/8"</u>	<u>6.5<sup>#</sup></u>			

## PERF RECORD

COST ITEMS	TD	PDID	PERF/FMT
LOC	PKR	S.N.	<u>Wasatch 12673-14439</u>
RIG	WORK PERFORMED	EOT	<u>11610</u>
MUD/H <sub>2</sub> O	<u>Pumped 32 AG / 430 BW in 24 hrs. on REDA submersible.</u>		
TANKS			
CMTG			
H2S			
E. LOGS			
PERF			
STIMULATION			
SUPV			
TRANS			
CSG			
TBG			
S TOOLS			
DH TOOLS			
DH EQUIP			
DH LIFT			
PMPG U			
S EQUIP			
TREE / BOP			
CHEM			
OTHER			
TOTAL			
SUPERVISOR			



DATE 7/25/86 DAILY WORKOVER / COMPLETION REPORT PAGE 1 OF 1WELL NAME & NO. Hartman 1-31A3 FIELD Altamont  
SEC. 31 TWP T1S RGE R3W COUNTY Duchesne STATE Utah

AFE NO. PZL. W.I. GROSS AFE

JOB DESCRIPTION Repair casing and acidize SUPPLEMENT 1  
TOTAL GROSS AFE

	SIZE	WT.	GRADE	DEPTH	THREAD
CSG STRING	7'	26*	S 95	12060	
	5"	18*	P 110	11835-14497	Hydri1
TBG. STRING(S)	2 3/4"	6.5	N-80		8 rd

## PERF RECORD

COST ITEMS	TD	PDTD	PERF&FMT
LOC	PKR	S.N.	Washch 12673-14439
RIG	WORK PERFORMED		11610
MUD/H <sub>2</sub> O	7/25/86		
TANKS	Pumped 32 BO / 400 BW in 24 hrs on REDA submersible		
CMTG			
H2S	7/26/86		
E. LOGS	Pumped 43 BO / 400 BW in 24 hrs on REDA submersible		
PERF			
STIMULATION			
EUP	7/27/86		
TRANS	Pumped 44 BO / 423 BW in 24 hrs on REDA submersible		
CSG			
TBG			
S TOOLS			
D H TOOLS			
D H EQUIP			
D H LIFT			
PMPG U			
S EQUIP			
TREE / BOP			
CHEM			
OTHER			
TOTAL			
TOT	RIG	SUPERVISOR	

DATE 7/28/86

## DAILY WORKOVER / COMPLETION REPORT

PAGE 1 OF 1

WELL NAME &amp; NO.

Hartman 1-31A3

FIELD

Altament

SEC.

31

TWP

T1S

RGE

R3W

COUNTY

Duchesne

STATE

Utah

AFE NO.

PZL. W.I.

GROSS AFE

JOB DESCRIPTION

Repair casing and acidize

SUPPLEMENT 1

TOTAL GROSS AFE

	SIZE	WT.	GRADE	DEPTH	THREAD
CSG STRING	<u>7</u>	<u>26 #</u>			
	<u>5</u>	<u>18 #</u>			
TBG. STRING(S)					

## PERF RECORD

COST ITEMS	TD	PDTD	PERFS/FMT	
LOC	PKR ●	S.N ●	EOT ●	SITP
RIG	WORK PERFORMED			
MUD/H <sub>2</sub> O	<u>Pumped 27 BO / 629 BW in 24 hrs. on REDA submersible</u>			
TANKS				
CMTG				
H2S				
E. LOGS				
PERF				
STIMULATION				
SUPV				
TRANS				
CSG				
TBG				
S TOOLS				
D H TOOLS				
D H EQUIP				
D H LIFT				
PMPG U				
S EQUIP				
TREE / BOP				
CHEM				
OTHER				
TOTAL				
TOT	RIG	SUPERVISOR <u>[Signature]</u>		

DATE 7/29/86 DAILY WORK REPORT COMPLETION REPORT PAGE 1 OF 1

WELL NAME & NO. Hartman 1-3113 FIELD Alamont

SEC. 31 TWP T 1 S RGE R 3 W COUNTY Duchesne STATE Utah

AFE NO. \_\_\_\_\_ PZL W.I. \_\_\_\_\_ GROSS AFE \_\_\_\_\_

JOB DESCRIPTION Repair casing and acidize SUPPLEMENT 1 \_\_\_\_\_

TOTAL GROSS AFE \_\_\_\_\_

	SIZE	WT.	GRADE	DEPTH	THREAD
CSG STRING	7"	26 <sup>4</sup>	S 95	12060	
	5"	18 <sup>4</sup>	P 110	11835-14497	
TBG STRING(S)	2 7/8"	4.5	N-80	11610	8 rd

PERF RECORD

COST ITEMS	TD	POTD	PERFS/FMT
LOC	PKR ●	S.N. ●	EOT ● SITP
RIG	WORK PERFORMED		
MUD/H <sub>2</sub> O	<u>Pumped 11 B0 / 413 BW in 24 hrs on REDA submersible</u>		
TANKS			
CMTG			
H2S			
E. LOGS			
PERF			
STIMULATION			
BUV			
TRANS			
CSG			
TBG			
S TOOLS			
D H TOOLS			
D H EQUIP			
D H LIFT			
PMPG U			
S EQUIP			
TREE / BOP			
CHEM			
OTHER			
TOTAL			
TDT <u>89549</u>	RIG	SUPERVISOR <u>Lankford</u>	

DATE 7/30/86 DAILY WORKOVER / COMPLETION REPORTPAGE 1 OF 1

WELL NAME & NO. <u>Hartman 1-31A3</u>				FIELD <u>Altamont</u>	
SEC. <u>31</u>	TWP <u>T1S</u>	RGE <u>R3W</u>	COUNTY <u>Duchesne</u>	STATE <u>Utah</u>	
AFE NO.		PZL. W.I.	GROSS AFE		
JOB DESCRIPTION <u>Repair casing and acidize</u>			SUPPLEMENT 1		
			TOTAL GROSS AFE		

	SIZE	WT.	GRADE	DEPTH	THREAD
CSG STRING	7"	26"	S-95	12060	
	5"	18"	P 110	11835 - 14497	Hydril
TBG STRING(S)	2 7/8"	6.5	N-80	11610	3 rd

## PERF RECORD

COST ITEMS	TD	PDTD	PERFS/FMT
LOC	PKR ●	S.N. ●	EOT ●
RIG	WORK PERFORMED		
MUD/H <sub>2</sub> O			
TANKS	<u>Pumped 32 BO / 449 BW in 24 hrs. on REDA submersible</u>		
CMTG			
H <sub>2</sub> S			
E. LOGS			
PERF			
STIMULATION			
SUPV			
TRANS			
CSG			
TBG			
S TOOLS			
D H TOOLS			
D H EQUIP			
D H LIFT			
PMPG U			
S EQUIP			
TREE / BOP			
CHEM			
OTHER			
TOTAL			

SUPERVISOR

WELL NAME &amp; NO.

Hartman 1-31A3

FIELD

Arhamont

SEC.

31

TWP

T1S

RGE

R3W

COUNTY

Duchesne

STATE

Utah

AFE NO.

PZL. W.I.

GROSS AFE

JOB DESCRIPTION

Repair casing and acidize

SUPPLEMENT 1

TOTAL GROSS AFE

	SIZE	WT.	GRADE	DEPTH	THREAD
CSG STRING	7"	26#			
	5"	18#			
TBG. STRING(S)	2 7/8"	6.5#		11610	8rd

## PERF RECORD

COST ITEMS	TD	PDTD	PERF/FMT	
LOC	PKR ●	S.N. ●	EOT ●	BITP
RIG	WORK PERFORMED			
MUD/H <sub>2</sub> O	<u>Pumped 43 B0 / 448 BW in 24 hrs on REDA submersible</u>			
TANKS				
CMTG				
H2S				
E. LOGS				
PERF				
STIMULATION				
SUPV				
TRANS				
CSG				
TBG				
S TOOLS				
D H TOOLS				
D H EQUIP				
D H LIFT				
PMPG U				
S EQUIP				
TREE / BOP				
CHEM				
OTHER				
TOTAL				
TDT	RIG	SUPERVISOR		
<u>89549</u>		<u>Lankford</u>		

DATE 8/1/86 DAILY WORKOVER / COMPLETION REPORT PAGE 1 OF 1

WELL NAME & NO. <u>Hartman 1-31A3</u>		FIELD <u>Altamont</u>	
BEC. <u>31</u>	TWP <u>T15</u>	RGE <u>R3W</u>	COUNTY <u>Duchesne</u>
APE NO.		PZL W.I.	STATE <u>Utah</u>
JOB DESCRIPTION <u>Repair casing and acidize</u>		GROSS AFE	
		SUPPLEMENT 1	
		TOTAL GROSS AFE	

	SIZE	WT.	GRADE	DEPTH	THREAD
CSG STRING	7"	26 #	S 95	12060	
	5"	18 #	P 110	11835 - 14497	Hydri1
TBG. STRING(S)	2 3/8"	6.5 #	N-80	11610	

## PERF RECORD

COST ITEMS	TD	PDTD	PERFS/FMT	
LOC	PKR ●	S.N. ●	EOT ●	BITP
RIG	WORK PERFORMED			
MUD/H <sub>2</sub> O	<u>8/1/86</u>			
TANKS	<u>Pumped 32 B0 / 390 BW in 24 hrs. on REDA submersible</u>			
CMTG				
H2S				
E. LOGS	<u>8/2/86</u>			
PERF	<u>Pumped 31 B0 / 435 BW in 24 hrs. on REDA submersible</u>			
STIMULATION				
SUPV				
TRANS	<u>8/3/86</u>			
CSG	<u>Pumped 43 B0 / 444 BW in 24 hrs. on REDA submersible</u>			
TBG				
S TOOLS				
D H TOOLS				
D H EQUIP				
D H LIFT				
PMPG U				
S EQUIP				
TREE / BOP				
CHEM				
OTHER				
TOTAL				
SDT	R/A	SUPERVISOR		

DATE 6/28/86 DAILY WORKOVER / COMPLETION REPORT PAGE      OF     

WELL NAME & NO. Hartman 1-2102 FIELD Antimony

SEC. 31 TWP T1S RGE R3W COUNTY Duchesne STATE Utah

AFE NO.      PZL. W.I.      GROSS AFE     

JOB DESCRIPTION Repair casing and acidize. SUPPLEMENT 1     

TOTAL GROSS AFE     

	SIZE	WT.	GRADE	DEPTH	THREAD
CSG STRING	7"	26"	S 95	12060	
	5"	18"	P 110	11835 - 14497	Hydr.
TBG. STRING(S)	2 7/8"	6.5"	N-80		

## PERF RECORD

COST ITEMS	TD	PDID	PERFS/FMT
LOC	PKR ●	S.N. ●	WASATCH gross: 12674 - 14439
RIG	1200	WORK PERFORMED	EOT ●
MUD/H <sub>2</sub> O			SITP ●
TANKS	25		0 psi
CMTG			
H2S			
E. LOGS			
PERF			
STIMULATION			
SUPV			
TRANS	80	6/29/86 SI for Sunday	
CSG			
TBG			
S TOOLS	30		
D H TOOLS	600		
D H EQUIP			
D H LIFT			
PMPG U			
S EQUIP			
TREE / BOP	100		
CHEM			
OTHER			
TOTAL	2035		
TOT		RIG	SUPERVISOR

DATE 6/30/86 DAILY WORKOVER / COMPLETION REPORT PAGE \_\_\_\_ OF \_\_\_\_

WELL NAME & NO. Hartman 1-31A3 FIELD Altamont

SEC. 31 TWP T1S RGE R3W COUNTY Duchesne STATE Utah

AFE NO. \_\_\_\_\_ PZL. W.I. \_\_\_\_\_ GROSS AFE \_\_\_\_\_

JOB DESCRIPTION Repair casing and acidize. SUPPLEMENT 1 \_\_\_\_\_

TOTAL GROSS AFE \_\_\_\_\_

	SIZE	WT.	GRADE	DEPTH	THREAD
CSG STRING	7"	26 #	S 95	12060	
	5"	18 #	P 110	11835 - 14497	Hydril
TBG. STRING(S)	2 7/8"	6.5 #	N-80		

## PERF RECORD

COST ITEMS	TD <u>14500</u>	PDTD <u>14478</u>	PERF/FMT <u>Wasatch gross: 12674-14439</u>
LOC	PKR ●	S.N. ●	EOT ● SITP <u>0 psi.</u>
RIG <u>1712</u>	WORK PERFORMED		
MUD/HO	RIH with remainder 193 jts 2 7/8" tbg. RI power swivel. Break circ. Tagged remains of cem. ret. at T.O.L. Drilled on cem. ret. and fell thru after 3 hrs. Plugged off repeatedly. Rev. circ. clean. No shavings in returns.		
TANKS <u>25</u>			
3MTG			
H2S			
E. LOGS			
PERF	RIH to 5" CIBP at 11910'. Drill out CIBP in 2 hrs. Plugged off repeatedly. PU above T.O.L. and flush casing with 100 bbl. FSW.		
STIMULATION			
SUPV			
TRANS <u>80</u>	RIH with 2 7/8" tbg. Chase remains to 14354'.		
CSG	POOH with 310 jts 2 7/8" tbg.		
TBG	SIEN.		
S TOOLS <u>300</u>			
D H TOOLS			
D H EQUIP			
D H LIFT			
PMPG U			
S EQUIP			
TREE / BOP <u>100</u>			
CHEM			
OTHER			
TOTAL <u>2217</u>			



DATE 7/1/86 DAILY WORKOVER / COMPLETION REPORT PAGE      OF     

WELL NAME & NO. Hartman 1-31A3 FIELD Altamont

SEC. 31 TWP T1S RGE R3W COUNTY Duchesne STATE Utah

APE NO.      PZL. W.I.      GROSS AFE     

JOB DESCRIPTION Repair casing and acidize. SUPPLEMENT 1     

TOTAL GROSS AFE     

	SIZE	WT.	GRADE	DEPTH	THREAD
CSG STRING	7"	26 #	S 95	12060	
	5"	18 #	P 110	11835-14497	Hydri/
TBG. STRING(S)	2 3/8"	6.5 #	N-80		

## PERF RECORD

COST ITEMS	TD <u>14500</u>	PD TD <u>14497</u>	PERF8/5MT <u>Wasatch gross: 12674-14439</u>
LOC	PKR ●	S.N. ●	EOT ●
RIG	1315	WORK PERFORMED	SITP
MUD/H <sub>2</sub> O			
TANKS	40		
CMTG			
H2S			
E. LOGS			
PERF			
STIMULATION			
SUPV			
TRANS	440		
CSG			
TBG			
B TOOLS			
D H TOOLS	1600		
D H EQUIP			
D H LIFT			
PMPG U			
B EQUIP			
TREE / BOP	100		
CHEM			
OTHER	Hydrotest 1230		
TOTAL	4725		
TDT			

WELL NAME & NO. <u>Hartman 1-31A3</u>		FIELD <u>Altamont</u>	
SEC. <u>31</u>	TWP <u>T1S</u>	RGE <u>R3W</u>	COUNTY <u>Duchesne</u>
STATE <u>Utah</u>			
GROSS AFE			
SUPPLEMENT 1			
TOTAL GROSS AFE			

	SIZE	WT.	GRADE	DEPTH	THREAD
CSG STRING	7"	26#	S 95	12060	
	5"	18#	P 110	11835-14497	Hydril
TBG STRING(S)	2 5/8"	6.5#	N-80		

PERF RECORD			
COST ITEMS	TD <u>14500</u>	PDTD <u>14478</u>	PERF/FMT <u>Wasatch gross: 12674-14439</u>
LOC	PKR ●	S.N. ●	EOT ● SITP
RIG	WORK PERFORMED		
MUD/H <sub>2</sub> O	Swabbed 200 bbl. fluid in 20' runs. 5 BO and		
TANKS	195 bbl. acid water. Initial FL: 4800'		
CMTG	Stabilized FL at 6000' - 6300' PH last run 6.		
H <sub>2</sub> S	232 bbl. load wtr. to rec.		
LOGS	SIFN		
PERF			
STIMULATION			
SUPV			
TRANS			
CSG			
TBG			
S TOOLS			
D H TOOLS			
D H EQUIP			
D H LIFT			
PMPG U			
S EQUIP			
TREE / BOP			
CHEM			
OTHER			
TOTAL			
TDT	RIG <u>Temples</u>	SUPERVISOR <u>DR Lankford</u>	

WELL NAME & NO. <u>Hartman 7-31A3</u>		FIELD <u>Altamont</u>	
BEC. <u>31</u>	TWP <u>T 1 S</u>	RGE <u>R 3 W</u>	COUNTY <u>Duchesne</u> STATE <u>Utah</u>
AFE NO.		PZL. W.I.	GROSS AFE
JOB DESCRIPTION <u>Repair casing and acidize.</u>		SUPPLEMENT 1	
		TOTAL GROSS AFE	

	SIZE	WT.	GRADE	DEPTH	THREAD
CSG STRING	7"	26*	S 95	12060	
	5"	18*	P 110	11835-14499	Hydri1
TBG. STRING(S)	2 7/8"	4.5*	N 80		

## PERF RECORD

COST ITEMS	TD <u>14500</u>	PDT <u>14478</u>	PERFS/FMT <u>Wasatch gross: 12674-14439</u>	
LOC	PKR <u>12001</u>	S.N. <u>12000</u>	EOT <u>12001</u>	SITP
RIG <u>1482</u>	WORK PERFORMED			
MUD/H <sub>2</sub> O	RU Smith Energy to acidized Wasatch perfs 12674 -			
TANKS <u>40</u>	14439 with 15000 gal 15% HCl with:			
CMTG	15 lb/1000 gal AGA-1 (gelling agent)			
H <sub>2</sub> S	1 gal/1000 EPS-6 (emuls. break.)			
I. LOGS	3 gal/1000 CIA-2 (corr. inhib.)			
PERF	10 gal/1000 CA-4 (chelating agent)			
STIMULATION <u>1200</u>	1 gal/1000 AFR-1 (acid fric. red.)			
BPV	and 600 RCN ball sealers. as follows:			
TRANS <u>300</u>	Set and tested annulus pop-off at 1500 psi.			
CSG	Tested lines to 9500 psi. O.K. Press. and held			
TBG	1000 psi. on annulus.			
S TOOLS	Start balls after 10 bbls. acid gone. and dropped			
D H TOOLS <u>430</u>	evenly throughout acid. Caught pressure after			
D H EQUIP	45 bbl. gone. Stabilized at 12.6 BPM and 8000 psi.			
D H LIFT	Saw no ball action until 210 bbl. gone. Saw			
PMPG U	slight to moderate ball action thru remainder of job.			
S EQUIP	Flushed with 81 bbl. 2% KCl water with 0.5 gal/1000			
TREE / BOP <u>100</u>	WFR-2 (fric red.) Max rate 12.6 BPM at 8600 psi.			
CHEM	Aver. rate 12BPM at 8200 psi. 15IP. 2400 psi.			
OTHER <u>Hot-oiler 360</u>	5 min SIP: 150 psi. 10 min SIP: 100 psi. 15 min SIP: 80 psi.			
	RD Smith. Rigged to swab.			
TOTAL <u>3912</u>				
TDT <u>64252</u>	RIG <u>Temples</u>	SUPERVISOR <u>Lankford</u>		

WELL NAME & NO. <u>Hartman 1-31A3</u>		FIELD <u>Altamont</u>	
SEC. <u>31</u>	TWP <u>T1S</u>	RGE <u>R3W</u>	COUNTY <u>Duchesne</u> STATE <u>Utah</u>
AFE NO.		PZL. W.I.	GROSS AFE
JOB DESCRIPTION <u>Repair casing and acidize.</u>		SUPPLEMENT 1	
		TOTAL GROSS AFE	

	SIZE	WT.	GRADE	DEPTH	THREAD
CSG STRING	7"	26 #	S 95	12060	
	5"	18 #	P 110	11835-14497	Hydri1
TBG. STRING(S)	2 7/8"	6.5 #	N-80		

## PERF RECORD

COST ITEMS	TD <u>14500</u>	PDTD <u>14478</u>	PERFS/FMT <u>Wasatch gross 12674-14439</u>	
LOC	PKR @ <u>12001</u>	S.N. @ <u>12000</u>	EOT @ <u>12001</u>	SITP
RIG <u>1467</u>	WORK PERFORMED			
MUD/H <sub>2</sub> O	<u>Continue swabbing back acid job.</u>			
TANKS <u>40</u>	<u>Swabbed 20 BO / 210 BW in 11 hrs. from aver.</u>			
DMTG	<u>fluid level of 6000 ft.</u>			
H <sub>2</sub> S	<u>22 bbl. load wtr. to recover.</u>			
E. LOGS				
PERF				
STIMULATION				
SUPV	<u>7/4/86 SI for Holiday</u>			
TRANS				
CSG	<u>7/5/86 SI for weekend</u>			
TBG				
S TOOLS	<u>7/6/86 SI for weekend</u>			
DH TOOLS <u>250</u>				
DH EQUIP				
DH LIFT				
PMPG U				
S EQUIP				
TREE / BOP <u>100</u>				
CHEM				
OTHER				
TOTAL <u>1857</u>				
TDT <u>66109</u>	RIG <u>Temples</u>	SUPERVISOR <u>Lankford</u>		

WELL NAME & NO. <u>Hartman 1-31A3</u>		FIELD <u>Altamont</u>		
SEC. <u>31</u>	TWP <u>T1S</u>	RGE <u>R3W</u>	COUNTY <u>Duchesne</u>	STATE <u>Utah</u>
AFE NO. <u>      </u>		PZL. W.I. <u>      </u>	GROSS AFE <u>      </u>	
JOB DESCRIPTION <u>Repair casing and acidize.</u>			SUPPLEMENT 1 <u>      </u>	
			TOTAL GROSS AFE <u>      </u>	

CSG STRING	SIZE	WT.	GRADE	DEPTH	THREAD
	7"	26 #	S 95	12060	
	5"	18 #	P 110	11835-14497	Hydril
TBG. STRING(S)	2 7/8"	6.5 #	N-80		

## PERF RECORD

COST ITEMS	TD <u>14500</u>	PDTD <u>14478</u>	PERFS/FMT <u>Wasatch gross: 12674 - 14439</u>
LOC	PKR @	S.N. @	EOT @ <u>      </u> SITP <u>500 psi.</u>
RIG <u>1300</u>	WORK PERFORMED		
MUD/ H <sub>2</sub> O	<u>72 hr. SITP : 500 psi. Fluid level : 2900 ft.</u>		
TANKS <u>40</u>	<u>Continued swabbing. Made 26 swab runs in</u>		
CMTG	<u>10 hrs. Average fluid level : 6000 ft.</u>		
H2S	<u>Swabbed 70 BO and 67 BW. 24 hr. rate :</u>		
E. LOGS	<u>168 BO and 160 BW.</u>		
PERF	<u>All load water recovered.</u>		
STIMULATION			
SUPV			
TRANS			
CSG			
TBG			
S TOOLS			
D H TOOLS			
D H EQUIP			
D H LIFT			
PMPG U			
S EQUIP			
TREE / BOP <u>100</u>			
CHEM			
OTHER			
TOTAL <u>1440</u>			
TDI <u>67549</u>	RIG <u>Temples</u>	SUPERVISOR <u>DR Lankford</u>	

WELL NAME & NO. <u>Hartman 1-31A3</u>		FIELD <u>Altamont</u>	
SEC. <u>31</u>	TWP <u>T1S</u>	RGE <u>R3W</u>	COUNTY <u>Duchesne</u>
AFE NO.		PZL. W.I.	GROSS AFE
JOB DESCRIPTION <u>Repair casing and acidize</u>		SUPPLEMENT 1	
		TOTAL GROSS AFE	

	SIZE	WT.	GRADE	DEPTH	THREAD
CSG STRING	7"	26 #	S 95	12060	
	5"	18 #	P 110	11835-14497	Hydri1
TBG. STRING(S)	2 7/8"	6.5 #	N-80		

## PERF RECORD

COST ITEMS	TD <u>14500</u>	PDTD <u>14478</u>	PERFS/FMT <u>Wasatch gross: 12674-14439</u>	
LOC	PKR @ <u>12001</u>	S.N. @ <u>12000</u>	EOT @ <u>12006</u>	SITP <u>250 psi.</u>
RIG <u>1300</u>	WORK PERFORMED			
MUD/H <sub>2</sub> O	<u>Continue swabbing:</u>			
TANKS <u>40</u>	<u>Swabbed 62 BO and 75 BW in 10 hrs with</u>			
CMTG	<u>25 swab runs from aver. fluid level of 6000'</u>			
H2S	<u>24 hr. rate: 149 BO / 180 BW.</u>			
E. LOGS				
PERF				
STIMULATION				
SUPV				
TRANS				
CSG				
TBG				
S TOOLS				
D H TOOLS				
D H EQUIP				
D H LIFT				
PMPG U				
S EQUIP				
TREE / BOP <u>100</u>				
CHEM				
OTHER				
TOTAL <u>1440</u>				
TDI <u>68989</u>	RIG <u>Temples</u>	SUPERVISOR <u>Lankford</u>		

WELL NAME & NO. <u>Hartman 1-31A3</u>		FIELD <u>Altamont</u>	
SEC. <u>31</u>	TWP <u>T 1 S</u>	RGE <u>R 3 W</u>	COUNTY <u>Duchesne</u> STATE <u>Utah</u>
AFE NO.		PZL. W.I.	GROSS AFE
OB DESCRIPTION <u>Repair casing and acidize</u>		SUPPLEMENT 1	
		TOTAL GROSS AFE	

	SIZE	WT.	GRADE	DEPTH	THREAD
CSG STRING	7"	26#	S 95	12060	
	5"	18#	P 110	11835-14497	Hydril
TBG. STRING(S)	2 7/8"	6.5#	N-80		

## PERF RECORD

COST ITEMS	TD <u>14500</u>	PDTD <u>14478</u>	PERFS/EMT <u>Wasatch gross: 12674-14439</u>
LOC	PKR @ <u>12001</u>	S.N. @ <u>12000</u>	EOT @ <u>12006</u> SITP <u>300 psi.</u>
RIG <u>875</u>	WORK PERFORMED		
MUD/H <sub>2</sub> O	<u>Release packer. POOH with 370 jnts 2 7/8" tubing, S.N.,</u>		
TANKS <u>40</u>	<u>and packer. RIH with kill string.</u>		
MTG	<u>SIEN</u>		
H2S			
E. LOGS			
PERF			
STIMULATION			
SUPV			
TRANS			
CSG			
TBG			
S TOOLS <u>30</u>			
DH TOOLS <u>435</u>			
DH EQUIP			
DH LIFT			
PMPG U			
S EQUIP			
TREE / BOP <u>100</u>			
CHEM			
OTHER			
TOTAL <u>1480</u>			
TDI <u>70469</u>	RIG <u>Temples</u>	SUPERVISOR <u>DR Lonkford</u>	

WELL NAME & NO. <u>Hartman 1-31A3</u>		FIELD <u>Altamont</u>	
SEC. <u>31</u>	TWP <u>T1S</u>	RGE <u>R3W</u>	COUNTY <u>Duchesne</u> STATE <u>Utah</u>
AFE NO.		PZL. W.I.	GROSS AFE
JOB DESCRIPTION <u>Repair casing and acidize.</u>		SUPPLEMENT 1	
		TOTAL GROSS AFE	

	SIZE	WT.	GRADE	DEPTH	THREAD
CSG STRING	7"	26 <sup>#</sup>	S 95	12060	
	5"	18 <sup>#</sup>	P 110	11835 - 14497	Hydril
TBG. STRING(S)	2 7/8"	6.5 <sup>#</sup>	N-80		

PERF RECORD	
COST ITEMS	TD <u>14500</u> PDTD <u>14478</u> PERFS/FMT <u>Wasatch gross: 12674-14439</u>
LOC	PKR @ S.N. @ EOT @ SITP
RIG <u>800</u>	WORK PERFORMED
MUD/H <sub>2</sub> O	<u>POOH with kill string. NU Hydril BOP.</u>
TANKS <u>40</u>	<u>RIH with REDA DN 450, 459 stage, 60 HP</u>
CMTG	<u>submersible pump on 2 7/8" N-80 B rd tubing</u>
H2S	<u>to 4500 ft.</u>
E. LOGS	<u>SIFN.</u>
PERF	
STIMULATION	
SUPV	
TRANS	
CSG	
TBG	
S TOOLS	
D H TOOLS	
D H EQUIP <u>12000</u>	
D H LIFT	
PMPG U	
S EQUIP	
TREE / BOP <u>150</u>	
CHEM	
OTHER	
TOTAL <u>12990</u>	
TDI <u>83459</u>	RIG <u>Temples</u> SUPERVISOR <u>Lankford</u>



HARTMAN 1.3113

7.11.86

6:00-7:00 Crew travel

6:00-3:30 SIF 100 PSI. TIR 4' 232 gts 100. BWD

cable to top w/ 3 bands per ft.

RD Floor + Fur tongs - NO Hydrol + BOP.

Coul T64 - NW Wellhead.

Start Ride Pump - (No pump going reverse - change rotation) - Well started pumping

SDFN

7:30-4:30 Crew travel

Rig Cost	960 <sup>00</sup>
B700	150 <sup>00</sup>
A-1	25 <sup>00</sup>
Treyt	25 <sup>00</sup>
T+N.	1400 <sup>00</sup>
Bluebell N.O.	1415 <sup>00</sup>
TRW RedA	1430 <sup>00</sup>
DALGO.	300 <sup>00</sup>

## DAILY WORKOVER / COMPLETION REPORT

PAGE \_\_\_\_ OF \_\_\_\_

DATE 6/17/86 WELL NAME & NO. Hartman 1-31A3 FIELD Altamont

BEC 31 TWP T1S RGE R3W COUNTY Duchesne STATE Utah

VE NO. PZL W.I. GROSS AFE

JOB DESCRIPTION Repair casing leak. SUPPLEMENT 1

TOTAL GROSS AFE

	SIZE	WT.	GRADE	DEPTH	THREAD
CSG STRING	7"	26 #	S 95	12060	
	5"	18 #	P 110	11835-14497	Hydri
TBG. STRING(S)	2 7/8"	6.5 #	N-80		8 rd

## PERF RECORD

COST ITEMS	TD <u>14500</u>	PDTD <u>14478</u>	PERFS/FMT <u>Wasatch gross 12674-14439</u>
LOC	PKR ●	S.N. ●	EOT ● BITP
RIG <u>1350</u>	WORK PERFORMED		
MUD/H <sub>2</sub> O	Tubing on vacuum. Retest liner lap. Would not test. Release 7" pkr. Tagged RBP. O.K. Reset packer at 11742'. Pressure tubing and annulus to 1500 psi. After 30 min. tubing press: 700 psi. casing press: 1100 psi. Bled tubing to 0 psi. Casing pressure dropped from 1100 psi. to 900 psi. in 10 min. Pumped down tubing at 1450 psi. and 1/2 BPM. Casing press climbed and held at 1400 psi. Release packer. Catch and release RBP. POOH with tubing, RBP, and packer. R/H with 20 ints 2 7/8" tubing. SIEN		
TANKS <u>25</u>			
CMTG			
H2S			
E. LOGS			
PERF			
STIMULATION			
SUPV			
TRANS <u>120</u>			
CSG			
TBG			
B TOOLS <u>30</u>			
D H TOOLS <u>400</u>			
D H EQUIP			
D H LIFT			
PMPG U			
S EQUIP			
TREE / BOP <u>100</u>			
CHEM			
OTHER			
TOTAL <u>2025</u>			

SUPERVISOR

DATE 6/18/86 DAILY WORKOVER / COMPLETION REPORT PAGE \_\_\_\_ OF \_\_\_\_

WELL NAME & NO. Hartman 1-31A3 FIELD Altamont

SEC 31 TWP T1S RGE R3W COUNTY Duchesne STATE Utah

APE NO. PZL W.I. GROSS AFE

JOB DESCRIPTION Repair casing leak SUPPLEMENT 1

TOTAL GROSS AFE

	SIZE	WT.	GRADE	DEPTH	THREAD
CSG STRING	7"	26 #	S 95	12060	
	5"	18 #	P 110	11835-14497	Hydri1
TBG. STRING(S)	2 7/8"	6.5 #	N-80		8 rd.

## PERF RECORD

COST ITEMS	TD <u>14500</u>	PD TD <u>14478</u>	PERFS/FMT <u>Wasatch gross: 12674 - 14439</u>
LOC	PKR	S.N.	ECT SITP
RIG <u>1238</u>	WORK PERFORMED		
MUD/H <sub>2</sub> O	POOH with kill string.		
TANKS	RU NL McCullough. RIH and set 5" CIBP at 11910'.		
CMTG	POOH. Load hole and press. test to 9000 psi. O.K.		
H2S	RIH and set 7" cement retainer at 11650'. POOH		
E LOGS	RD NL McCullough.		
PERF	RIH with stinger on 378 into 2 7/8" tbg. Tagged		
STIMULATION	cem. retainer. Close tubing test. Press test tubing		
SUPV	to 2000 psi. O.K. Sting into retainer. Pumped		
TRANS	down tubing. Pressured to 1500 psi. SI. Press.		
CSG	dropped to 1450 psi. in 10 min.		
TBG	Shut well in with 1000 psi. on tubing. at 5:30 PM		
S TOOLS	Bled to 0 psi. by 7:00 AM 6/19/86.		
D H TOOLS			
D H EQUIP			
D H LIFT			
PMFG U			
S EQUIP			
TREE / BOP			
CHEM			
OTHER <u>Wireline</u>			
	<u>1038</u>		
TOTAL	<u>4231</u>		

DATE 6/19/86 DAILY WORKOVER / COMPLETION REPORT PAGE \_\_\_\_ OF \_\_\_\_

WELL NAME & NO. Hartman 1-31A3 FIELD Altamont

SEC. 31 TWP T1S RGE R3W COUNTY Duchesne STATE Utah

AFE NO. \_\_\_\_\_ PZL. W.I. \_\_\_\_\_ GROSS AFE \_\_\_\_\_

JOB DESCRIPTION Repair casing and acidize SUPPLEMENT 1 \_\_\_\_\_

TOTAL GROSS AFE \_\_\_\_\_

	SIZE	WT.	GRADE	DEPTH	THREAD
CSG STRING	7"	26 <sup>#</sup>	S 95	12060	
	5"	18 <sup>#</sup>	P 110	11835-14497	Hydril
TBG. STRING(S)	2 7/8"	6.5 <sup>#</sup>	N-80		8 rd.

## PERF RECORD

COST ITEMS	TD <u>14500</u>	POTD <u>14478</u>	PERF8/FMT
LOC	PKR @	S.N. @	EOT @
RIG	1210	WORK PERFORMED	SITP <u>0 psi</u>
MUD/H <sub>2</sub> O	Work tubing in and out of cement retainer.		
TANKS	Re-test liner lap to 2000 psi. Bled to 1850 psi.		
TG	in 40 min.		
H2S	POOH with 378 jnts 2 7/8" tbg. and stinger.		
E LOGS	TIH with 6 1/2" tooth bit on 2 7/8" tbg. Tag		
PERF	cement retainer at 11650'		
STIMULATION	RU power swivel and stripping head.		
SUPV	SIGN		
TRANS	40		
CSG			
TBG			
S TOOLS			
DH TOOLS	3800		
DH EQUIP	657		
DH LIFT			
PMPG U			
S EQUIP			
TREE / BOP	100		
CHEM			
HER			
TOTAL	5807		

DATE 6/20/86 DAILY WORKOVER / COMPLETION REPORT PAGE      OF     

WELL NAME & NO. Hartman 1-31A3 FIELD Altamont

SEC. 31 TWP T1S RGE R3W COUNTY Duchesne STATE Utah

WELL NO.      PZL. W.I.      GROSS AFE     

JOB DESCRIPTION Repair casing and acidize SUPPLEMENT 1     

TOTAL GROSS AFE     

	SIZE	WT.	GRADE	DEPTH	THREAD
CSG STRING	7"	26 #	S 95	12060	
	5"	18 #	P 110	11835-14497	Hydri!
TBG STRING(S)	2 7/8"	6.5 #	N-80		

## PERF RECORD

COST ITEMS	TD <u>14500</u>	PDTD <u>14478</u>	PERF/FMT <u>Wasatch gross: 12674-14439</u>
LOC	PKR <u>    </u>	S.N. <u>    </u>	EOT <u>    </u> SITP <u>    </u>
RIG <u>1500</u>	WORK PERFORMED <u>Break circ. Circ up Green oil and gas.</u>		
MUD/H <sub>2</sub> O	<u>Drill up cem. ret. at 11650. Fall thru after</u>		
TANKS <u>25</u>	<u>2 1/2 hrs. Rev. circ clean. Chase to TOL.</u>		
ATG	<u>Drilled remains of cem. ret. in 10 min. Circ.</u>		
H <sub>2</sub> S	<u>clean for 1 hr. Closed tubing. Press down</u>		
E. LOGS	<u>casing to 1350 psi. Estab. injection rate 1 BPM</u>		
PERF	<u>at 1350 psi. SD pump. Bled to 1050 psi. in</u>		
STIMULATION	<u>10 min. RD power swivel. POOH with 320 jnts</u>		
SUPV	<u>2 7/8" tbg. SIFN.</u>		
TRANS <u>40</u>			
CSG			
TBG	<u>6/21/86 SI for weekend.</u>		
S TOOLS <u>384</u>			
D H TOOLS	<u>6/22/86 SI for weekend.</u>		
D H EQUIP			
D H LIFT			
PMPG U			
S EQUIP <u>384</u>			
TREE / BOP <u>100</u>			
CHEM			
OTHER			
TOTAL <u>2049</u>			

DATE 6/23/86 **DAILY WORKOVER / COMPLETION REPORT** PAGE        OF       

WELL NAME & NO. Hartman 1-31A3 FIELD Altamont

SEC. 31 TWP T1S RGE R3W COUNTY Duchesne STATE Utah

AFE NO.        PZL W.I.        GROSS AFE       

JOB DESCRIPTION Repair casing and acidize SUPPLEMENT 1       

TOTAL GROSS AFE       

	SIZE	WT.	GRADE	DEPTH	THREAD
CSG STRING	7"	26 #	S 95	12060	
	5"	18 #	P 110	11835-14497	Hydri/
TBG. STRING(S)	2 3/8"	6.5 #	N-80		8 rd

## PERF RECORD

COST ITEMS	TD <u>14500</u>	POTD <u>CIBP @ 11910</u>	PERFS/FMT
LOC	PKR @	S.N. @	EOT @ SITP
RIG	<u>1465</u>	WORK PERFORMED	
MUD/H <sub>2</sub> O		POOH with remaining 82 jnts tubing and 6 1/2" bit	
TANKS	<u>25</u>	TIH with Baker 7" Retrievomatic and G type RBP	
CMTG		on 381 jnts 2 3/8" tbg.	
H2S		Set Packer at 11742. Press down tubing to 2000 psi.	
E. LOGS		Held 5 min. O.K. Pumped down annulus at 1 1/2 BPM	
PERF		and 1450 psi.	
STIMULATION		Released pkr. Came up the hole testing repeatedly	
SUPV		to 2000 psi.	
TRANE	<u>40</u>	Casing found good below 8116'	
CSG		Set pkr. at 7495'. Pumped down tubing 1/2 BPM at 1900 psi.	
TBG		Pumped down annulus 1 1/2 BPM at 1450 psi.	
R TON R	<u>50</u>	Set RBP at 14725. PK. GV FY. Test plug to 2000 psi. O.K.	
DH TOOLS	<u>1700</u>	SIEN	
DH EQUIP			
DH LIFT			
PMPG U			
S EQUIP			
TREE / BOP	<u>100</u>		
CHEM			
OTHER			
TOTAL	<u>3360</u>		
TOT		RIG	SIEN

WELL NAME & NO. Hortman 1-31A3 FIELD Altamont

SEC. 31 TWP T1S RGE R3W COUNTY Duchesne STATE Utah

AFE NO.      PZL. W.I.      GROSS AFE     

JOB DESCRIPTION Repair casing and acidize SUPPLEMENT 1     

TOTAL GROSS AFE     

	SIZE	WT.	GRADE	DEPTH	THREAD
CSG STRING	7'	26 #	S 95	12060	
	5"	18 #	P 110	11835-14497	Hydri/
TBG. STRING(S)	2 3/4"	6.5 #	N-80		8 rd

PERF RECORD

COST ITEMS	TD <u>14500</u>	POTD <u>21BP @ 11910</u>	PERF/FMT
LOC	PKR ●	S.N. ●	EOT ● SITP
RIG <u>1465</u>	WORK PERFORMED		
MUD/H <sub>2</sub> O	POOH with remaining 82 jnts tubing and 6 1/2" bit. TIH with Baker 7" Retrievamatic and 'G' type RBP on 381 jnts 2 3/4" tbg. Set Packer at 11742'. Press down tubing to 2000 psi. Held 5 min. O.K. Pumped down annulus at 1 1/2 BPM and 1450 psi. Released pkr. Came up the hole testing repeatedly to 2000 psi. Casing found good below 8116'. Set pkr. at 7495'. Pumped down tubing 1/2 BPM at 1900 psi. Pumped down annulus 1 1/2 BPM at 1450 psi. Set RBP at 7495'. PU 60 ft. Test plug to 2000 psi. O.K. SIEN		
TANKS <u>25</u>			
GMTG			
H2S			
LOGS			
PERF			
STIMULATION			
SUPV			
TRANS <u>40</u>			
CSG			
TBG			
S TOOLS <u>30</u>			
D H TOOLS <u>1700</u>			
D H EQUIP			
D H LIFT			
PMPG U			
S EQUIP			
TREE / BOP <u>100</u>			
CHEM			
OTHER			
DTAL <u>3360</u>			
TDT <u>37489</u>	RIG <u>Tomplex</u>	SUPERVISOR <u>DR Lankford</u>	

WELL NAME & NO. <u>Hartman 1-31A3</u>		FIELD <u>Altamont</u>	
SEC <u>31</u>	TWP <u>T1S</u>	RGE <u>R3W</u>	COUNTY <u>Duchesne</u> STATE <u>Utah</u>
AFE NO. <u>      </u>		PZL W.I. <u>      </u>	GROSS AFE <u>      </u>
JOB DESCRIPTION <u>Repair casing and acidize</u>		SUPPLEMENT 1 <u>      </u>	
		TOTAL GROSS AFE <u>      </u>	

	SIZE	WT.	GRADE	DEPTH	THREAD
CSG STRING	7"	26 <sup>#</sup>	S 95	12060	
	5"	18 <sup>#</sup>	P 110	11835-14497	Hydriil
TBG STRING(S)	2 7/8"	6.5 <sup>#</sup>	N-80		8 rd

## PERF RECORD

COBT ITEMS	TD <u>14500</u>	PDTD <u>CIBP 11910</u>	PERFS/MT <u>Wasatch 12674 - 14439</u>
LOC	PKR <u>      </u>	G.N. <u>      </u>	EOT <u>      </u> SITP <u>      </u>
RIG <u>1410</u>	WORK PERFORMED		
MUD/H <sub>2</sub> O	Continue to press test casing to 2000 psi.		
TANKS	Found casing good below 8116'		
CMTG <u>2853</u>	Found casing leak between 7495 - 8116 of		
M28	± BPM @ 1900 psi.		
LOGS	Found casing good from 4343 - 7495		
PERF	Found casing leak between 3725 - 4343 of		
STIMULATION	2 BPM @ 1500 psi.		
SUPV	Found casing good above 3725.		
TRANS <u>340</u>			
CSG	Type 'G' RBP at 7495'. Pump 5 sx. sand to EOT.		
TBG	at 5500. PU and set Baker Retrievalmatic PKR		
S TOOLS <u>30</u>	at 3480.		
DH TOOLS <u>400</u>	RU Dowell. Press and hold 1000 psi. on annulus.		
DH EQUIP	Estab. inject rate 2 BPM @ 1500 psi. Pump 10 bbl.		
DH LIFT	fresh water pad. Mix and pump 300 sx. class 'G'		
PMPG U	neat cement (15.8 ppg, 1.15 yield, 4 hrs. pmg time).		
S EQUIP	at 2 ± BPM and 900 psi. Displace with FSW		
TREE / BOP <u>100</u>	to 3611' at ± BPM. Final squeeze press 2000 psi.		
CHEM	SIFN with 1800 psi on tubing.		
OTHER			
TOTAL <u>5133</u>			
TDI <u>42622</u>	RIG <u>Temples</u>	SUPERVISOR <u>DR Lankford</u>	



WELL NAME & NO Hartman 1-31A3 FIELD AltamontSEC. 31 TWP T 1 S RGE R 3 W COUNTY Duchesne STATE UtahAFE NO.        PZL. W.I.        GROSS AFE       JOB DESCRIPTION Repair casing and acidize. SUPPLEMENT 1       TOTAL GROSS AFE       

	SIZE	WT.	GRADE	DEPTH	THREAD
CSG STRING	7"	26 #	S 95	12060	
	5"	12 #	D 110	11825 - 14407	Hydril
TBG. STRING(S)	2 7/8"	6.5 #	N-80		8 rd

## PERF RECORD

COST ITEMS	TD <u>14500</u>	PDT <u>CIBP @ 11910</u>	PERFS/FMT <u>Wasatch gross 12674 - 14439</u>
LOC	PKR <u>3480</u>	S.N. <u>      </u>	EOT <u>      </u> BITP <u>0 psi</u>

RIG 1755 WORK PERFORMED       MUD/H<sub>2</sub>O        Release packer POOH with tubing and packer.TANKS 25 RIH with 6 1/8" bit and 7" scraper on 2 7/8" tubing.CMTG        Found top of cement at 3630. RIH power swivel.H2B        Drill medium-hard cement 3630 - 3969. StopLOGS        to pressure test at 3969 (old squeeze at 3922-3932).PERF        Press to 2000 psi. Held 5 min O.K.STIMULATION        Drilled medium cement 3969 - 4300. Fell thru.SUPV        Circ clean, press test to 2000 psi. Bled to 1850 psiTRANS 130 in 5 min.CSG        SIENTBG       S TOOLS 344D H TOOLS 400D H EQUIP       D H LIFT       PMPG U       S EQUIP       TREE / BOP 100CHEM       OTHER       TOTAL 2754TDT 45376 RIG Temples SUPERVISOR DR Lankford

DATE 6/26/86 **DAILY WORKOVER / COMPLETION REPORT** PAGE      OF     

WELL NAME & NO. Hartman 1-31A3 FIELD Altamont

BEC. 31 TWP T1S RGE R3W COUNTY Duchesne STATE Utah

APE NO.      PZL W.I.      GROSS APE     

JOB DESCRIPTION Repair casing and acidize SUPPLEMENT 1     

TOTAL GROSS APE     

	SIZE	WT.	GRADE	DEPTH	THREAD
CSG STRING	7"	26 #	S 95	12060	
	5"	18 #	P 110	11834-14497	HydriL
TBG. STRING(S)	2 7/8"	6.5 #	N 80		8 rd

## PERF RECORD

COST ITEMS	TD <u>14500</u>	PDT <u>CIRP 11910</u>	PERFS/FMT <u>Wasatch gross: 12674-14439</u>
LOC	PKR ●	S.N. ●	EOT ● <u>0 psi.</u>
RIG	<u>1407</u>	WORK PERFORMED	
MUD/H <sub>2</sub> O			
TANKS	<u>25</u>		
CMTG	<u>1000</u>		
H2S			
E LOGS			
PERF			
STIMULATION			
SUPV			
TRANS	<u>300</u>		
CSG			
TBG			
S TOOLS			
D H TOOLS			
D H EQUIP	<u>RND</u>		
D H LIFT			
PMPG U			
S EQUIP			
TREE / BOP			
CHEM			
OTHER			
TOTAL	<u>5232</u>		
DATE	<u>1986-06-26</u>		
TIME	<u>17:02</u>		
NO	<u>3</u>		
PAGE	<u>001</u>		
SUPERVISOR			

DATE 6/27/86 DAILY WORKOVER / COMPLETION REPORT PAGE      OF     

WELL NAME & NO. Hartman 1-31A3 FIELD Altamont

SEC. 31 TWP T1S RGE R3W COUNTY Duchesne STATE Utah

AFE NO.      PZL W.I.      GROSS AFE     

JOB DESCRIPTION Repair casing and acidize. SUPPLEMENT 1     

TOTAL GROSS AFE     

	SIZE	WT.	GRADE	DEPTH	THREAD
CSG STRING	7"	26 #	S 95	12060	
	5"	18 #	P 110	11835 - 14497	Hydri/
TBG. STRING(S)	2 3/8"	6.5 #	N-80		

## PERF RECORD

COST ITEMS	TD <u>14500</u>	PDTD <u>CIBP @ 11910</u>	PERF/FMT <u>Wasatch gross: 12674-14439</u>
LOC	PKR ●	B.N. ●	EOT ● SITP <u>D psi</u>
RIG <u>1420</u>	WORK PERFORMED		
MUD/H <sub>2</sub> O	POOH with 2 3/8" tubing, Baker 7" Retrievalmatic Packer, and type 'G' RBP. RIH with 4 1/2" bit on 3205' 2 3/8" N-80 Nulco special clearance tubing and remainder 2 3/8" N-80 8rd tubing. Found remains of 7" cem. retainer 3 ft. above T.O.L. at 11832 (T.O.L. at 11835'). RU power swivel and stripping head. Estab. rev. circ. and drilled on cem. ret. 1 hr. Fell 3 ft. PU hard and torque up repeatedly. Lost circ. Bit plugged off. RD power swivel.		
TANKS			
CMTG			
H2S			
E. LOGS			
PERF	SIFN.		
STIMULATION			
SUPV			
TRANS			
CSG	<u>200</u>		
TBG			
S TOOLS	<u>360</u>		
D H TOOLS	<u>50</u>		
D H EQUIP.			
D H LIFT			
PMPG V			
S EQUIP			
TREE / BOP	<u>100</u>		
CHEM			
OTHER	<u>325</u>		
TOTAL	<u>2455</u>		
TDT		SUPERVISOR	

Hartman 1-31A3  
Duchesne County, Utah  
Section 31 - T1S - R3W

- 7-23-86: Pumped 38 B0 & 362 BW in 24 hrs on REDA submersible
- 7-24-86: Pumped 32 B0 & 430 BW in 24 hrs on REDA submersible
- 7-25-86: Pumped 32 B0 & 400 BW in 24 hrs on REDA submersible
- 7-26-86: Pumped 43 B0 & 400 BW in 24 hrs on REDA submersible
- 7-27-86: Pumped 44 B0 & 423 BW in 24 hrs on REDA submersible
- 7-28-86: Pumped 27 B0 & 629 BW in 24 hrs on REDA submersible
- 7-29-86: Pumped 11 B0 & 413 BW in 24 hrs on REDA submersible
- 7-30-86: Pumped 32 B0 & 449 BW in 24 hrs on REDA submersible
- 7-31-86: Pumped 43 B0 & 448 BW in 24 hrs on REDA submersible
- 8-1-86: Pumped 32 B0 & 390 BW in 24 hrs on REDA submersible
- 8-2-86: Pumped 31 B0 & 435 BW in 24 hrs on REDA submersible
- 8-3-86: Pumped 43 B0 & 444 BW in 24 hrs on REDA submersible
- 8-4-86: Pumped 27 B0 & 367 BW in 24 hrs on REDA submersible
- 8-5-86: Pumped 38 B0 & 436 BW in 24 hrs on REDA submersible
- 8-6-86: Pumped 33 B0 & 441 BW in 24 hrs on REDA submersible
- 8-7-86: Pumped 33 B0 & 441 BW in 24 hrs on REDA submersible
- 8-8-86: Pumped 33 B0 & 454 BW in 24 hrs on REDA submersible
- 8-9-86: Pumped 32 B0 & 451 BW in 24 hrs on REDA submersible
- 8-10-86: Pumped 35 B0 & 444 BW in 24 hrs on REDA submersible
- 8-11-86: Pumped 31 B0 & 450 BW in 24 hrs on REDA submersible

Hartman 1-31A3  
Duchesne County, Utah  
Section 31 - T1S - R3W

8-12-86: Pumped 33 B0 & 419 BW in 24 hrs on REDA submersible

8-13-86: Pumped 54 B0 - 427 BW in 24 hrs on REDA submersible.

8-14-86: Pumped 40 B0 - 470 BW in 24 hrs on REDA submersible.

8-15-86: Pumped 36 B0 - 415 BW in 24 hrs on REDA submersible

8-16-86: Pumped 28 B0 - 477 BW in 24 hrs on REDA submersible

8-17-86: Pumped 41 B0 - 468 BW in 24 hrs on REDA submersible

8-18-86: Pumped 19 B0 - 451 BW in 24 hrs on REDA submersible

8-19-86: Pumped 32 B0 - 479 BW in 24 hrs on REDA submersible

8-20-86: Pumped 22 B0 - 435 BW in 24 hrs on REDA submersible

8-21-86: Pumped 27 B0 - 461 BW in 24 hrs on REDA submersible

# Workover

## DAILY WORKOVER / COMPLETION REPORT

DATE 4/10/86 PAGE 1 OF 1

WELL NAME & NO. Hartman 1-31A3 FIELD Altamont

SEC. 31 TWP 1 S RGE 3 W COUNTY Duchesne STATE Utah

AFE NO. \_\_\_\_\_ PZL. W.I. \_\_\_\_\_ GROSS AFE \_\_\_\_\_

JOB DESCRIPTION Repair casing leak SUPPLEMENT 1 \_\_\_\_\_

TOTAL GROSS AFE \_\_\_\_\_

	SIZE	WT.	GRADE	DEPTH	THREAD
CSG STRING	7"	26 #	S-95	12060	
	5"	18 #	P-110	11835-14497	Hydri1
TBG. STRING(S)	2 7/8"	6.5 #	N-80	11600	8 rd.

PERF RECORD 14500 14478 11600

COST ITEMS TD 14500 PDTD 14478 PERFS/FMT \_\_\_\_\_

LOC PKR 11785 S.N. 11600 EOT 50 psi.

RIG 1460 WORK PERFORMED \_\_\_\_\_

MUD/H<sub>2</sub>O \_\_\_\_\_

TANKS \_\_\_\_\_

CMTG \_\_\_\_\_

H<sub>2</sub>S \_\_\_\_\_

E. LOGS \_\_\_\_\_

PERF \_\_\_\_\_

STIMULATION \_\_\_\_\_

SUPV \_\_\_\_\_

TRANS 670

CSG \_\_\_\_\_

TBG \_\_\_\_\_

S TOOLS 320

DH TOOLS \_\_\_\_\_

DH EQUIP \_\_\_\_\_

DH LIFT \_\_\_\_\_

PMPG U \_\_\_\_\_

B EQUIP \_\_\_\_\_

TREE / BOP 320

CHEM \_\_\_\_\_

OTHER 650

TOTAL 3420

TOT \_\_\_\_\_ RIG \_\_\_\_\_ SUPERVISOR \_\_\_\_\_

NO

DATE 6/11/86 DAILY WORKOVER / COMPLETION REPORT PAGE 1 OF 1

WELL NAME & NO. Hartman 1-31A3 FIELD Altamont

BEC. 31 TWP 1 S RGE 3 W COUNTY Duchesne STATE Utah

AFE NO. PZL. W.I. GROSS AFE

JOB DESCRIPTION Repair Casing Leak SUPPLEMENT 1

TOTAL GROSS AFE

	SIZE	WT.	GRADE	DEPTH	THREAD
CSG STRING	7"	26 #	S 95	12060	
	5"	18 #	P 110	11835-14497	HydriL
TBG. STRING(S)	2 7/8"	6.5 #	N-80	11600	8 rd.

## PERF RECORD

Wasatch gross: 12673 - 14439

COST ITEMS	TD	PD TD	PERF/FMT		
	14500	14478			
LOC	PKR # 11785	S.N. # 11600	EOT #		
RIG	1400	WORK PERFORMED	BITP 0 SICP 50 psi		
MUD/H <sub>2</sub> O	POOH with remaining 138 ints 2 7/8" N-80 Brd				
TANKS	25	fbg. and laid down submersible pump equipment.			
CMTG	Found motor burnt and pump stiff.				
H2S	ND spherical BOP.				
E. LOGS	Tally in hole with packer plucker, mill shoe, and				
PERF	junk basket on 378 ints 2 7/8" fbg				
STIMULATION	SIEN.				
SUPV					
TRANS	655				
CSG					
TBG					
B TOOLS					
D H TOOLS					
D H EQUIP					
D H LIFT					
PMPQ U					
S EQUIP					
TREE / BOP	120				
CHEM					
OTHER	1062				
TOTAL	3242				

DATE 6/12/86 DAILY WORKOVER / COMPLETION REPORT PAGE \_\_\_\_ OF \_\_\_\_

WELL NAME & NO. Hartman 1-31 A3 FIELD Altamont

SEC 31 TWP 1 S RGE 3 W COUNTY Duchesne STATE Utah

AFE NO. \_\_\_\_\_ PZL W.I. \_\_\_\_\_ GROSS AFE \_\_\_\_\_

JOB DESCRIPTION Repair Casing Leak SUPPLEMENT 1 \_\_\_\_\_

TOTAL GROSS AFE \_\_\_\_\_

	SIZE	WT.	GRADE	DEPTH	THREAD
CSG STRING	7"	26 #	S 95	12060	
	5"	18 #	P 110	11835- 14497	Hydri/
TBG. STRING(S)	2 7/8"	6.5 #	N-80		8 rd

## PERF RECORD

COST ITEMS	TD <u>14500</u>	PDTD <u>14478</u>	PERFS/FMT		
LOC	PKR # <u>11785</u>	S.N. #	EOT # <u>51CP 50 psi</u>		
RIG	<u>1590</u>	WORK PERFORMED			
MUD/H <sub>2</sub> O	Tally in hole with 5 ints. 2 7/8" N-80 Nuloc tubing.				
TANKS	<u>25</u>	Tag 7" Mdl. 'D' packer at 11785. RU power swivel.			
CMTG	Milled on packer 90 min. Fell thru. Lost				
H2S	630 bbl. Washh Fmt. water while drilling. No returns.				
E. LOGS	RD power swivel. POOH with 383 ints tubing				
PERF	and tools. Laid down Mdl. 'D' packer complete.				
STIMULATION	RIH with 20 ints 2 7/8" tubing.				
SUPV	SIEN				
TRANS	<u>240</u>				
CSG					
TBG					
S TOOLS	<u>344</u>				
DH TOOLS	<u>1600</u>				
DH EQUIP					
DH LIFT					
PMPG U					
S EQUIP					
TREE / BOP	<u>120</u>				
CHEM					
OTHER					
TOTAL	<u>3919</u>				



DATE 6/13/86 DAILY WORKOVER / COMPLETION REPORT PAGE \_\_\_\_ OF \_\_\_\_

WELL NAME & NO. Hartman 1-31 A3 FIELD Altamont

SEC. 31 TWP 1 S RGE 3 W COUNTY Duchesne STATE Utah

AFE NO. \_\_\_\_\_ PZL. W.I. \_\_\_\_\_ GROSS AFE \_\_\_\_\_

JOB DESCRIPTION \_\_\_\_\_ SUPPLEMENT 1 \_\_\_\_\_

TOTAL GROSS AFE \_\_\_\_\_

	SIZE	WT.	GRADE	DEPTH	THREAD
CSG STRING	2"	26#	S 95	12060	
	5"	18#	P 110	11835 - 14497	Hydri1
TBG. STRING(S)	2 7/8"	6.5#	N-80		8 rd

## PERF RECORD

COST ITEMS	TD	POTD	PERFS/FMT
LOC	PKR	S.N.	EOT
RIG	WORK PERFORMED		
MUD/H <sub>2</sub> O	POOH with kill string.		
TANKS	RIH with 7" RBP and RTTS pkr on 2 7/8" tubing.		
GMTG	Tag TOL at 11835. PU and set RBP at 11815.		
H2S	Set packer at 11785 and test RBP to 1500 psi. O.K.		
E. LOGS	POOH with 118 jts 2 7/8" tubing. Set packer		
PERF	at 8028.		
STIMULATION	Press test down tubing to 1500 psi. Bled to 900 psi.		
SUPV	in 5 min.		
TRANS	Press test down annulus to 1500 psi. Bled to 1050 psi.		
C6G	in 5 min. Release packer.		
TBG	RIH to 11815. Catch and release RBP.		
S TOOLS	POOH with 65 jts 2 7/8" thg.		
D H TOOLS	SIFN.		
D H EQUIP			
D H LIFT			
PMPG U			
S EQUIP			
TREE / BOP			
CHEM			
OTHER			
TOTAL	3566		

WELL NAME & NO <u>Hartman 1-31A3</u>		FIELD <u>Altamont</u>	
SEC. <u>31</u>	TWP <u>1 S</u>	RGE <u>3 W</u>	COUNTY <u>Duchesne</u>
AFF NO		PZL. W.I.	STATE <u>Utah</u>
JOB DESCRIPTION <u>Repair casing leak</u>			GROSS AFE
			SUPPLEMENT 1
			TOTAL GROSS AFE

	SIZE	WT.	GRADE	DEPTH	THREAD
CSG STRING	7"	26#	S 95	12060	
	5"	18#	P 110	11835-14497	Hydri1
TBG. STRING(S)	2 7/8"	6.5#	N-80		8 rd.

PERF RECORD			
COST ITEMS	TD <u>14500</u>	PDTD <u>14478</u>	PERFS/FMT <u>Wasatch gross 12674-14439</u>
LOC	PKR ●	S.N. ●	EOT ● <u>50 psi.</u>
RIG <u>1380</u>	WORK PERFORMED		
MUD/H <sub>2</sub> O	<u>POOH with remaining 313 into 2 7/8" tbq. RBP and</u>		
TANKS <u>25</u>	<u>RTTS pkr.</u>		
CMTG	<u>Tally in hole with 4 1/2" bit, 5" casing scraper</u>		
H2S	<u>105 into 2 7/8" N-80 Nuluc tubing, and remaining</u>		
LOGS	<u>2 7/8" N-80 8rd tubing. Tagged fill at 14359'</u>		
PERF	<u>No restrictions thru perfs.</u>		
STIMULATION	<u>POOH w/ 84 into 2 7/8" tbq.</u>		
SUPV	<u>SIFN.</u>		
TRANS <u>240</u>			
CSG			
TBG			
S TOOLS	<u>6/15/86 SI for Sunday</u>		
DH TOOLS <u>690</u>			
DH EQUIP			
DH LIFT			
PMPG U			
S EQUIP			
TREE / BOP <u>100</u>			
CHEM			
OTHER			
TOTAL <u>2435</u>			
TDT <u>16602</u>	RIG <u>Temples</u>	SUPERVISOR <u>DR Lankford</u>	

WELL NAME & NO. <u>Hartman 1-31A3</u>		FIELD <u>Altamont</u>	
SEC. <u>31</u>	TWP <u>T1S</u>	RGE <u>R3W</u>	COUNTY <u>Duchesne</u>
AFF NO. <u>    </u>		PZL W.I. <u>    </u>	GROSS AFE <u>    </u>
JOB DESCRIPTION <u>Repair casing leak</u>		SUPPLEMENT 1 <u>    </u>	
		TOTAL GROSS AFE <u>    </u>	

	SIZE	WT.	GRADE	DEPTH	THREAD
CSG STRING	7"	26 #	S 95	12060	
	5"	18 #	P 110	11835 - 14497	Hydri/
TBG. STRING(S)					

PERF RECORD	
COST ITEMS	TD <u>14500</u> PDTD <u>14478</u> PERFS/FMT <u>Wasatch gross: 12674 - 14439</u>
LOC	PKR <u>    </u> S.N. <u>    </u> EOT <u>    </u> BITP <u>200 psi.</u>
RIG <u>1440</u>	WORK PERFORMED
MUD/H <sub>2</sub> O	<u>POOH with remaining 2 7/8" tubing. Laid down bit</u>
TANKS <u>25</u>	<u>and scraper.</u>
CMTG	<u>Tally in hole with 5" RBP, ret. head, 4 jnts 2 7/8"</u>
H2S	<u>tubing, and 7" RTTS on 2 7/8" tubing.</u>
LOGS	<u>Set 5" RBP at 11905. Pull up and set 7" packer</u>
PERF	<u>at 11742. (TOL at 11835). Press. test TOL to</u>
STIMULATION	<u>1500 psi. Bled to 1475 in 10 min.</u>
SUPV	<u>SIFN</u>
TRANS	
CSG	
TBG	
S TOOLS	
D H TOOLS <u>1820</u>	
D H EQUIP	
D H LIFT	
PMPG U	
S EQUIP	
TREE / BOP <u>130</u>	
CHEM	
OTHER	
TOTAL <u>3415</u>	
TDT <u>20017</u>	RIG <u>Temples</u> SUPERVISOR <u>DR Lankford</u>



PENNZOIL PLACE • P. O. BOX 2967 • HOUSTON, TEXAS 77252-2967 • (713) 546-4000

080603  
**RECEIVED**

AUG 4 1987

DIVISION OF OIL  
GAS & MINING

July 30, 1987

Utah Natural Resources  
Division of Oil, Gas, & Mining  
Attn: Tammy Searing  
355 Triad Center, Suite #350  
Salt Lake City, Utah 84180-1203

Ms. Searing:

This letter is to confirm our telephone conversation of July 30, 1987, regarding the name change from Pennzoil Exploration & Production Co. to Pennzoil Company.

Please change your records to reflect this name change effective August 1, 1987.

Your contact for drilling operations will continue to be Will Luna at our Neola office. The contact for the monthly production reports will be myself at our Houston address. All affected properties, except the drilling activity, are listed on the attached production report for June, 1987. The bonding is in the name of Pennzoil Company.

This is a change in name only, the company and personnel have remained the same. If you need additional information, please call me at (713)-546-8104.

Sincerely,

Martin Wilson  
Onshore Accounting

mh/dcw



UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut  
84180-1203. • (801-538-5340)

Page 8 of 12

## MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

~~PENNZOIL EXPLOR & PROD CO~~ *Pennzoil Company*  
P O BOX 2967, 25TH FL.  
HOUSTON TX 77252 2967  
ATTN: ~~WILBURN LUNA~~ *Martin Wilson*

Utah Account No. N2885

Report Period (Month/Year) 6 / 87

Amended Report ☐

Well Name			Producing Zone	Days Oper	Production Volume		Gas (MSCF)	Water (BBL)
API Number	Entity	Location			Oil (BBL)			
UTE TRIBAL 1-6B3								
4301330136	05705 02S 03W 6		WSTC	30	930		680	5693
LYN TIMOTHY U 1-10B1								
4301330287	05710 02S 01W 10		GRRV	8	51		289	243
UTE TRIBAL 9-4B1								
4301330194	05715 02S 01W 4		GRRV	1	248		1384	0
E BENNION U 1-25A4								
4301330060	05720 01S 04W 25		WSTC	0	0		0	0
B HARTMAN U 1-31A3								
4301330093	05725 01S 03W 31		WSTC	30	561		321	13867
UTE TRIBAL 7-24A3								
4301330203	05730 01S 03W 24		WSTC	28	2879		4167	10793
UTE TRIBAL U 2-12A3								
4301330042	05735 01S 03W 12		WSTC	29	347		149	0
L BOREN U 1-24A2								
4301330084	05740 01S 02W 24		WSTC	23	1898		6543	3083
LAMICO-URTY U 3-17A2								
4301330099	05745 01S 02W 17		WSTC	30	5692		4301	6349
L BOREN U 6-16A2								
4301330123	05750 01S 02W 16		WSTC	30	8461		9580	14906
L BOREN U 3-15A2								
4301330086	05755 01S 02W 15		GR-WS	30	9111		8388	14058
VIRGIL B MECHAM U 1								
4301330009	05760 01S 02W 11		GRRV	0	0		0	0
ST UNIT 2-35A2								
4301330156	05765 01S 02W 35		WSTC	27	2382		5870	12038
TOTAL					32560		41672	81030

Comments (attach separate sheet if necessary)

I have reviewed this report and certify the information to be accurate and complete.

Date Aug 1, 1987

Authorized signature

Telephone 715-546-8104

PLEASE COMPLETE FORMS IN BLACK INK

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

**SUNDRY NOTICES AND REPORTS OF WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.

FEE POW-WSTC

IF INDIAN, ALLOTTEE OR TRIBE NAME

020433

UNIT AGREEMENT NAME

FEB 02 1988

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Pennzoil Company

DIVISION OF  
OIL, GAS & MINING

3. ADDRESS OF OPERATOR

P.O. Box 290, Neola, Utah 84053

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

1019 FNL &amp; 1024 FEL (NE 1/4 NE 1/4)

14. PERMIT NO.

43-013-30093

15. ELEVATIONS (Show whether OF, ST, GR, etc.)

KB 6286

8. FARM OR LEASE NAME

B. Hartman unit

9. WELL NO.

1-31A3

10. FIELD AND POOL, OR WILDCAT

Altamont - Wasatch

11. SEC., T., R., M., OR BLK. AND  
SUBVY OR AREA

Sec 31, T1S, R3W

USDA-M

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐  
☐  
☐  
☐

PULL OR ALTER CASING

☐  
☐  
☐  
☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other)

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐  
☐  
☐

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

☒  
☐  
☐  
☐

(Note: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

The subject well was worked over from 10-22-87 through 1-7-88. The following work was performed.

- Ran bit and 5" csg scraper to 14,309'
- Isolated csg leaks between 7741' to 7804' and between 8050' to 8112'.
- Squeezed leaks between 8050' to 8112' with 200SX class "H" cmt. Final squeeze pressure - 2500 psi. Squeezed leaks between 7741' to 7804' with 100SX class "H" cmt. Final squeeze pressure - 2500 psi.
- Acidized well with 5000 gal. 15% HCL acid. (Gross Perfs 12673' to 14439')
- Returned well to production 1-7-88.

18. I hereby certify that the foregoing is true and correct

SIGNED

John H. Ragot

TITLE

Petroleum Engineer

DATE

1/27/88

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

RECEIVED  
JUN 13 1988

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO.	
2. NAME OF OPERATOR Pennzoil Company Utah Acct. # N0705		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P.O. Box 2967 Houston, TX 77252-2967		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface See Attached List of Wells		8. FARM OR LEASE NAME See Attached List	
14. API NUMBER		9. WELL NO.	
15. ELEVATIONS (Show whether DF, RT, GR, etc.)		10. FIELD AND POOL, OR WILDCAT Bluebell/Altamont	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	
		12. COUNTY OR PARISH Duchesne & Uintah	
		13. STATE Utah	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) Operator Name Change <input checked="" type="checkbox"/>		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

Change of operator name from Pennzoil Company to Pennzoil Exploration & Production Company, effective June 1, 1988.

See Attached List of wells

OIL AND GAS	
DRN	RJF
JRB	GLH
DTS	SLS
TAS	
2 - MICROFILM ✓	
3 - FILE ✓	

18. I hereby certify that the foregoing is true and correct

SIGNED George P. San Filippo TITLE Western Div. Production Mgr. DATE 6-9-88

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

SUNDRY NOTICE OF NAME CHANGE  
EXHIBIT A

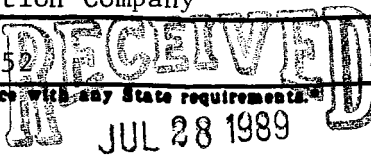
ENTITY NUMBER	LEASE NAME	LEGAL DESC.	API #	REMARKS
5470	ROBERTSON UTE 1-2B2	2S 2W 2	4301330225	WSTC/GRV ✓
5472	ROBERTSON UTE 2-2B2	2S 2W 2	4301330921	
5475	ROBERTSON UTE ST 1-12B1	2S 1W 12	4304730164	
5480	SALERATUS WASH 1-7C5	3S 5W 7	4301330098	
5485	SHRINE HOSPITAL 1-10C5	3S 5W 10	4301330393	WSTC ✓
5490	ALBERT SMITH 1-8C5	3S 5W 8	4301330245	
5495	ALBERT SMITH 2-8C5	3S 5W 8	4301330543	
5500	SMITH BROADHEAD 1-9C5	3S 5W 9	4301330316	
5505	DAVID SMITH UTE 1-6C5	3S 5W 6	4301330163	
5510	JOSEPH SMITH 1-17C5	3S 5W 17	4301330188	WSTC ✓
5515	SMITH UTE 1-18C5	3S 5W 18	4301330142	WSTC ✓
5520	ST LANDBOARD 1-35A1	1S 1W 35	4304730182	
5525	MAUREL TAYLOR 1-36A2	1S 2W 36	4301330143	
5530	TODD USA ST 1-2B1	2S 1W 2	4304730167	
5535	TOMLINSON 1-25A2	2S 2W 25	4301330120	
5540	UINTAH OURAY 1-1A3	1S 3W 1	4301330132	
5545	URRUTY 1-34A2	1S 2W 34	4301330149	
5550	UTAH ST FEDERAL 1-24B1	2S 1W 24	4304730220	
5555	UT ST LANDBOARD 1-11B1	2S 1W 11	4304730171	
5560	UTE 1-2A3	1S 3W 2	4301330409	
5565	UTE 1-2C5	3S 5W 2	4301330392	
5575	UTE 1-4A3	1S 3W 4	4301330306	
5580	UTE 1-5C5	3S 5W 5	4301330260	
5585	UTE 1-10A3	1S 3W 10	4301330319	
5590	UTE 1-20Z2	1N 2W 20	4301330378	
5605	UTE TRIBAL 1-13B3	2S 3W 13	4301330251	
5610	UTE 1-21Z2	1N 2W 21	4301330148	
5620	UTE COUNTY 1-20C4	3S 4W 20	4301330170	
5645	JOSEPHINE VODA 1-19C5	3S 5W 19	4301330382	
5650	JOSEPHINE VODA 2-19C5	3S 5W 19	4301330553	WSTC ✓
5655	VODA UTE 1-4C5	3S 5W 4	4301330283	
5665	WOODWARD FED 1-21A2	1S 2W 21	4301330130	
5666	DILLMAN 2-28A2	1S 2W 28	4301330821	
5675	CR AMES 1-23A4	1S 4W 23	4301330375	
5680	FEDERAL 1-28	5S 19E 28	4304730175	
5685	FEDERAL 1-27	5S 19E 27	4304730181	WSTC ✓
5695	STATE 1-7B1E	2S 1E 7	4304730180	
5700	UTE TRIBAL 6-7B3	2S 3W 7	4301330211	
5705	UTE 1-6B3	2S 3W 6	4301330136	
5710	L. TIMOTHY 1-10B1	2S 1W 10	4301330287	WSTC ✓
5715	UTE TRIBAL 9-4B1	2S 1W 4	4301330194	WSTC ✓
5720	BENNION 1-25A4	1S 4W 25	4301330060	
5725	HARTMAN 1-31A3	1S 3W 31	4301330093	
5730	UTE TRIBAL 7-24A3	1S 3W 24	4301330203	
5735	UTE 2-12A3	1S 3W 12	4301330042	GRV ✓
5740	L. BOREN 1-24A2	1S 2W 24	4301330084	
5745	LAMICQ URRUTY 3-17A2	1S 2W 17	4301330099	
5750	L. BOREN 6-16A2	1S 2W 16	4301330123	
5755	L. BOREN 3-15A2	1S 2W 15	4301330086	
5760	VIRGIL MECHAM 1-11A2	1S 2W 11	4301330009	
5765	STATE 2-35A2	1S 2W 35	4301330156	
5770	HARMSTON 1-32A1	1S 1W 32	4301330224	WSTC ✓
5775	BLANCHARD 2-3A2	1S 2W 3	4301330008	



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO.	
2. NAME OF OPERATOR Pennzoil Exploration and Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P.O. Box 2967, Houston, TX 77252		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface		8. FARM OR LEASE NAME Hartman	
<div style="text-align: center;">  </div> <div style="text-align: center;">             DIVISION OF OIL, GAS &amp; MINING           </div>		9. WELL NO. 1-31A3	
		10. FIELD AND POOL, OR WILDCAT Bluebell	
		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 31, T1S, R3W	
14. PERMIT NO. 43-013-30093	15. ELEVATIONS (Show whether of, ft., or, etc.) 6286 KB	12. COUNTY OR PARISH Duchesne	13. STATE Utah

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☒

PULL OR ALTER CASING

☐

FRACTURE TREAT

☐

MULTIPLE COMPLETE

☐

SHOOT OR ACIDIZE

☒

ABANDON\*

☐

REPAIR WELL

☐

CHANGE PLANS

☐

(Other)

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐

REPAIRING WELL

☐

FRACTURE TREATMENT

☐

ALTERING CASING

☐

SHOOTING OR ACIDIZING

☐

ABANDONMENT\*

☐

(Other)

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Isolate water production and attempt to reduce or eliminate. Stimulate Wasatch 12673-14439'. Casing damage found during well work will be repaired by squeeze cementing if necessary.

18. I hereby certify that the foregoing is true and correct

SIGNED

*John R. Bayne*

TITLE Supervising Engineer

DATE 7-11-89

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

See attachment

TITLE

 APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 7-2-89

BY: John R. Bayne

\*See Instructions on Reverse Side

UTAH DIVISION OF OIL, GAS AND MINING  
CONDITIONS OF APPROVAL FOR WELL WORKOVER

Pennzoil Exploration and Production Company  
Hartman #1-31A3 Well  
Section 31, T. 1S, R. 3W  
Duchesne County, Utah  
August 2, 1989

Reference document: Sundry notice dated July 11, 1989, received by DOGM on  
July 28, 1989.

1. Upon completion of the workover, the operator shall submit a complete subsequent notice of the work performed including the details of remedial cementing work performed and intervals perforated.

OI58/96

**STATE OF UTAH**  
**DEPARTMENT OF NATURAL RESOURCES**  
**DIVISION OF OIL, GAS, AND MINING**

SUBMIT IN TRIPLICATE\*

		5. LEASE DESIGNATION AND SERIAL NO. FEE
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT-" for such proposals)		7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR <b>PENNZOIL EXPLORATION and PRODUCTION COMPANY</b>		8. FARM OR LEASE NAME B. HARTMAN
3. ADDRESS OF OPERATOR <b>P.O. BOX 290 NEOLA, UTAH 84053</b>		9. WELL NO. 1-31A3
4. LOCATION OF WELL (Report location clearly and in accordance with State requirements. See also space 17 below.) At surface  1019' FNL & 1024' FEL (NE 1/4, NE 1/4)		10. FIELD AND POOL, OR WILDCAT ALTAMONT - WASATCH 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC 31, T1S, R3W
14. PERMIT NO.  43-013-30093-00	15. ELEVATION (SHOW WHETHER DF, RT, GR, etc.)  6,286 KB	12. COUNTY OR PARISH DUCHESNE 13. STATE UTAH

**16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:			SUBSEQUENT REPORT OF:		
TEST WATER SHUT-OFF >	<input type="checkbox"/>	PULL OR ALTER CASING >	<input type="checkbox"/>	WATER SHUT-OFF >	<input type="checkbox"/>
FRACTURE TREAT >	<input type="checkbox"/>	MULTIPLE COMPLETE >	<input type="checkbox"/>	FRACTURE TREATMENT >	<input type="checkbox"/>
SHOOT OR ACIDIZE >	<input checked="" type="checkbox"/>	ABANDON* >	<input type="checkbox"/>	SHOOTING OR ACIDIZING >	<input type="checkbox"/>
REPAIR WELL >	<input type="checkbox"/>	CHANGE PLANS >	<input type="checkbox"/>	(OTHER)	<input type="checkbox"/>
				REPAIRING WELL >	<input type="checkbox"/>
				ALTERING CASING >	<input type="checkbox"/>
				ABANDONMENT >	<input type="checkbox"/>

(OTHER):

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form)

17. Describe proposed or completed operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)\*

PENNZOIL PLANS TO PLUG BACK EXISTING PERFORATIONS AND PERFORATE UPPER INTERVALS.  
 THE NEW PERFORATIONS WILL BE ACIDIZED WITH 15% HCl.  
 ANY CASING DAMAGE FOUND DURING WELL WORK WILL BE REPAIRED WITH REMEDIAL CEMENTING.

APPROVED BY THE STATE  
 OF UTAH DIVISION OF  
 OIL, GAS, AND MINING

**RECEIVED**

DATE: 8-11-93  
 BY: [Signature]

JUL 19 1993

DIVISION OF

18. I hereby certify that the foregoing is true and correct.

SIGNED:

NOEL W. PUTSCHER

TITLE: PETROLEUM ENGINEER

OIL GAS &amp; MINING

DATE: 8/6/93

(This space for Federal or State office use)

APPROVED BY:

TITLE:

DATE:

CONDITION OF APPROVAL IF ANY:

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
WORKOVER AND COMPLETION FORM

COMPANY: PENNZOIL COMPANY COMPANY REP: GHERY SMITH (TOOLPUSHER)

WELL NAME: HARTMAN #1-31A3 API NO: 43-013- 30093

SECTION: 31 TWP: 1S RANGE: 3W

CONTRACTOR: SMITH WELL SERVICE RIG NUMBER: #1

INSPECTOR: DENNIS INGRAM TIME: 2:15 P.M. AM/PM DATE: 8/11/93

OPERATIONS AT THE TIME OF INSPECTION: ARE RIGGING UP TO DO RECOMPLETION

=====

WELL SIGN: Y TYPE OF WELL: OIL STATUS PRIOR TO WORKOVER: SOW

H2S: N/A ENVIRONMENTAL: OK PIT: N ROPE: N

DISPOSITION OF FLUIDS USED: FLAT TANK ON LOCATION.

DOES THIS WORKOVER QUALIFY FOR STATE TAX CREDITS: (Y/N) YES

PERFORATED: Y STIMULATED: \_\_\_\_\_ SAND CONTROL: \_\_\_\_\_

WATER SHUT OFF: \_\_\_\_\_ WELLBORE CLEANOUT: \_\_\_\_\_ WELL DEEPENED: \_\_\_\_\_

CASING OR LINER REPAIR: \_\_\_\_\_ ENHANCED RECOVERY: \_\_\_\_\_ THIEF ZONE: \_\_\_\_\_

CHANGE OF LIFT SYSTEM: \_\_\_\_\_ TUBING CHANGE: \_\_\_\_\_ OTHER CEMENT SQUEEZE: \_\_\_\_\_

SURFACE EQUIPMENT CHANGES OR ASSOCIATED COSTS DO NOT QUALIFY FOR CREDITS.

=====

REMARKS:

WELL WAS OLD SHUT-IN.

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
WORKOVER AND COMPLETION FORM

COMPANY: PENNZOIL EXPLOR & PROD COMPANY REP: HAROLD

WELL NAME: HARTMAN 1-31A3 API NO: 43-013-30093

SECTION: 31 TWP: 01S RANGE: 03W

CONTRACTOR: BASIN WELL SERVICE RIG NUMBER:

INSPECTOR: DENNIS INGRAM TIME: 10:45 AM AM/PM DATE: 5/27/94

OPERATIONS AT THE TIME OF INSPECTION: POOH WITH RENTAL PACKER

=====

WELL SIGN: Y TYPE OF WELL: OIL STATUS PRIOR TO WORKOVER: SOW

H2S: NO ENVIRONMENTAL: OK PIT: NO BOPE: NO

DISPOSITION OF FLUIDS USED: FLAT TANK & TRUCK

PERFORATED:  STIMULATED:  SAND CONTROL:

WATER SHUT OFF:  WELLBORE CLEANOUT:  WELL DEEPENED:

CASING OR LINER REPAIR: Y ENHANCED RECOVERY:  THIEF ZONE:

CHANGE OF LIFT SYSTEM: Y TUBING CHANGE:  OTHER CEMENT SQUEEZE:

=====

REMARKS:

WILL RUN STANDING VALVE LATER TODAY TO TEST CASING. HAVE PLANS OF  
PUTTING WELL BACK ON PRODUCTION -- HAS BEEN SHUTIN. WILL HAVE PUMPING  
UNIT INSTALLED. FLOWLINE HAS TO BE BUILT NEXT WEEK.

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

6. Lease designation and Serial Number  
Fee

7. Indian Allottee or Tribe Name

8. Unit or Communitization Agreement

9. Well Name and Number

B. HARTMAN 1-31A3

10. API Well Number

43-013-30093-00

11. Field and Pool, or Wildcat

ALTAMONT

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing well, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT - for such proposals

1. Type of Well

☒ Oil Well ☐ Gas well ☐ Other (specify)

2. Name of Operator

Pennzoil Exploration and Production Company

3. Address of Operator

P.O. Box 290 Neola, Utah 84053

4. Telephone

801-353-4397

5. Location of Well

Footage : 1019' FNL & 1024' FEL

County : Duchesne

QQ, Sec, T., R., M. : Section 31, T1S, R3W

State : Utah

**CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**NOTICE OF INTENT**

(Submit in Duplicate)

<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Other _____	

Approximate Date Work Will Start \_\_\_\_\_

**SUBSEQUENT REPORT**

(Submit Original Form Only)

<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input checked="" type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Other _____	Plug back Wasatch & perf L. Green River

Date of Work Completion 12-Aug-94

Report results of Multiple Completion and Recompletion to different reservoirs  
on WELL COMPLETION OR RECOMPLETION AND LOG form

\* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface location and measured and true vertical depths for all markers and zones pertinent to this work.)

**COMPLETED OPERATIONS**

Started/Finished: 8/13/1993 thru 8/12/1994

8/13/93: Ran bit and scraper - cleaned hole to 12,552'

8/16/93: Set 5" CIBP @ 12,487', dump bailed 5' cement.

8/17/93: Tested casing to isolate leaks

8/18/93: Set 7" CIBP @ 4500', set cement retainer @ 3807'

8/19/93: Squeezed casing leaks (3807' - 4404') with 250 sx cement.

8/20-23/93: Drilled out cement and retainer.

8/24/93: RIH with tubing strings

8/25/93 - 4/20/94: Waiting on further analysis

4/21/94: Milled out 7" CIBP @ 4500'

4/22-23/94: Drilled on remains of CIBP.

4/26/94: Perforated Lower Green River (11,433' - 11,989') using 3 1/8" & 4" Power Pak guns.

4/27/94: Hydrotested tubing

4/28/94: Acidized LGR (11,433' - 11,989') with 5000 gals 15% HCL

4/29/94 - 5/3/94: Swab testing well

6/19/94: Well is put on rod pump

8/12/94: Prepared well to pump under a packer

14. I hereby certify that the foregoing is true and correct

Name & Signature

Cory DeSantis

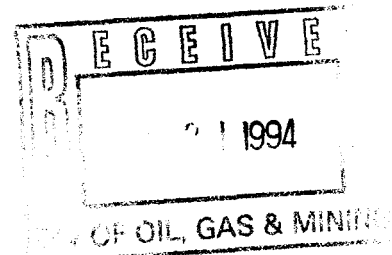
Title

Petroleum Engineer

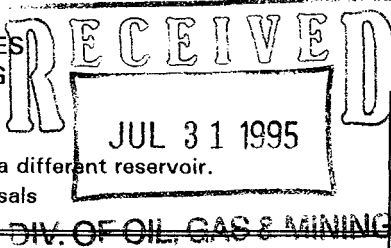
Date

17-Nov-94

(State Use Only)



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING



**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well  
☒ Oil Well ☐ Gas well ☐ Other

2. Name of Operator  
**Pennzoil Exploration and Production Company**

3. Address and Telephone No.  
**P.O. Box 290 Neola, Utah 84053 (801) 353-4397**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**NENE SEC. 31, T1S, R3W**

5. Lease Designation and Serial No.  
**FEE**

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation

8. Well Name and No.  
**HARTMAN 1-31A3**

9. API Well No.  
**43 013 30093**

10. Field and Pool, or Exploratory Area  
**Altamont-Wasatch**

11. County or Parish, State  
**Duchesne, UT**

**12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing repair	<input type="checkbox"/> Water Shut-off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to injection
	<input checked="" type="checkbox"/> Other <u>Change of operator</u>	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

Pennzoil plans to turn over operatorship of subject well to Coastal Oil and Gas Corp. effective August 1, 1995.

14. I hereby certify that the foregoing is true and correct

Signed DR Landman Title Operations Superintendent Date 7/28/1995

(This space of Federal or State office use.)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any:

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas well <input type="checkbox"/> Other	5. Lease Designation and Serial No. FEE
2. Name of Operator Pennzoil Exploration and Production Company	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. P.O. Box 290 Neola, Utah 84053 (801) 353-4397	7. If unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) NENE SEC. 31, T1S, R3W	8. Well Name and No. HARTMAN 1-31A3
	9. API Well No. 43 013 30093
	10. Field and Pool, or Exploratory Area Altamont-Wasatch
	11. County or Parish, State Duchesne, UT

12 CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

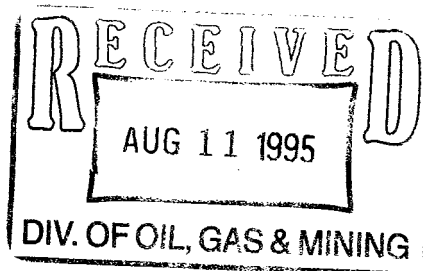
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing repair	<input type="checkbox"/> Water Shut-off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>Change of operator</u>	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

Ammendment to Sundry dated 7/28/95

Pennzoil plans to turn over operatorship of subject well to ANR Production Co. effective August 1, 1995.



14. I hereby certify that the foregoing is true and correct

Signed

Noel W. Putscher

Title

Sr. Petroleum Engineer

Date 8/8/1995

(This space of Federal or State office use.)

Approved by

Title

Date

Conditions of approval, if any:



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

# SUNDRY NOTICES AND REPORTS ON WELLS

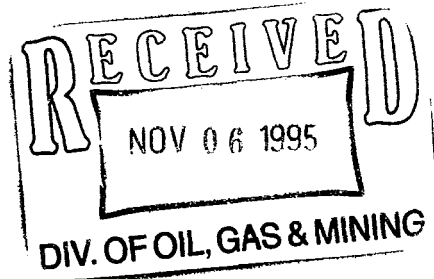
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER:		5. Lease Designation and Serial Number: Fee
2. Name of Operator: ANR Production Company		6. If Indian, Allottee or Tribe Name: N/A
3. Address and Telephone Number: P.O. Box 749, Denver, CO 80201-0749 (303) 573-4455		7. Unit Agreement Name: N/A
4. Location of Well Footages: QQ, Sec., T., R., M.: NENE Section 31-T1S-R3W		8. Well Name and Number: Hartman #1-31A3
		9. API Well Number: 43-013-30093
		10. Field and Pool, or Wildcat: Altamont
		County: Duchesne State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA																											
<b>NOTICE OF INTENT</b> (Submit in Duplicate) <table border="0"> <tr> <td><input type="checkbox"/> Abandon</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Repair Casing</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Recompletion</td> </tr> <tr> <td><input type="checkbox"/> Convert to Injection</td> <td><input type="checkbox"/> Perforate</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat or Acidize</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Multiple Completion</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input type="checkbox"/> Other</td> <td></td> </tr> </table>	<input type="checkbox"/> Abandon	<input type="checkbox"/> New Construction	<input type="checkbox"/> Repair Casing	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Perforate	<input type="checkbox"/> Fracture Treat or Acidize	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Other		<b>SUBSEQUENT REPORT</b> (Submit Original Form Only) <table border="0"> <tr> <td><input type="checkbox"/> Abandon *</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Repair Casing</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Perforate</td> </tr> <tr> <td><input type="checkbox"/> Convert to Injection</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat or Acidize</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input checked="" type="checkbox"/> Other Change of Operator</td> <td></td> </tr> </table>	<input type="checkbox"/> Abandon *	<input type="checkbox"/> New Construction	<input type="checkbox"/> Repair Casing	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Perforate	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat or Acidize	<input type="checkbox"/> Water Shut-Off	<input checked="" type="checkbox"/> Other Change of Operator	
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<input checked="" type="checkbox"/> Other Change of Operator																											
Approximate date work will start _____	Date of work completion _____ Report results of <b>Multiple Completions and Recompletions</b> to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form. * Must be accompanied by a cement verification report.																										

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Pennzoil Exploration & Production Company sold all of their interest/turned over operatorship of the subject well to ANR Production Company effective August 1, 1995.



13. Name & Signature: Sheila Bremer Title: Environmental & Safety Analyst Date: 11/02/95

(This space for State use only)

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

Attach all documentation received by the division regarding this change.  
 Initial each listed item when completed. Write N/A if item is not applicable.

Routing:

1-LEC	7-PL
2-LWP	8-SJ
3-DPS	9-FILE
4-VLC	
5-RJF	
6-LWF	

- ☒ Change of Operator (well sold)      ☐ Designation of Agent  
☐ Designation of Operator      ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 8-1-95)

TO (new operator) <u>ANR PRODUCTION COMPANY INC</u>	FROM (former operator) <u>PENNZOIL COMPANY</u>
(address) <u>PO BOX 749</u>	(address) <u>PO BOX 2967 28TH FL</u>
<u>DENVER CO 80201-0749</u>	<u>HOUSTON TX 77252-2967</u>
phone (303) <u>572-1121</u>	phone (713) <u>546-8104</u>
account no. <u>N0675</u>	account no. <u>N0705</u>

Well(s) (attach additional page if needed): **\*CA'S**

*Name: <u>B HARTMAN U 1-31A3</u>	API: <u>43-013-30093</u>	Entity: <u>5725</u>	Sec <u>31</u> Twp <u>1S</u> Rng <u>3W</u>	Lease Type: <u>FEE</u>
Name: <u>HANSON TRUST 2-5B3</u>	API: <u>43-013-31079</u>	Entity: <u>1636</u>	Sec <u>5</u> Twp <u>2S</u> Rng <u>3W</u>	Lease Type: <u>FEE</u>
Name: <u>DASTRUP 2-30A3</u>	API: <u>43-013-31320</u>	Entity: <u>11253</u>	Sec <u>30</u> Twp <u>1S</u> Rng <u>3W</u>	Lease Type: <u>FEE</u>
Name: <u>HARTMAN 2-31A3</u>	API: <u>43-013-31243</u>	Entity: <u>11026</u>	Sec <u>31</u> Twp <u>1S</u> Rng <u>3W</u>	Lease Type: <u>FEE</u>
Name: <u>HANSON TRUST 2-32A3</u>	API: <u>43-013-31072</u>	Entity: <u>1641</u>	Sec <u>32</u> Twp <u>1S</u> Rng <u>3W</u>	Lease Type: <u>FEE</u>
Name: <u>*UTE TRIBAL 10-13A4/GR</u>	API: <u>43-013-30301</u>	Entity: <u>5925</u>	Sec <u>13</u> Twp <u>1S</u> Rng <u>4W</u>	Lease Type: <u>INDIAN</u>
Name: <u>*CR AMES 1-23A4/GR-WS</u>	API: <u>43-013-30375</u>	Entity: <u>5675</u>	Sec <u>23</u> Twp <u>1S</u> Rng <u>4W</u>	Lease Type: <u>FEE</u>
Name: <u>*EVANS-UTE 2-17-B3/GR</u>	API: <u>43-013-31056</u>	Entity: <u>5336</u>	Sec <u>17</u> Twp <u>2S</u> Rng <u>3W</u>	Lease Type: <u>FEE</u>

**OPERATOR CHANGE DOCUMENTATION**

- Sec 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 8-11-95)
- Sec 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Rec'd 11-2-95)
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_ If yes, show company file number: \_\_\_\_
- N/A 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Sec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (11-2-95)
- Sec 6. Cardex file has been updated for each well listed above. (11-20-95)
- Sec 7. Well file labels have been updated for each well listed above. (11-20-95)
- Sec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (11-2-95)
- Sec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

### ENTITY REVIEW

- Lee 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) \_\_\_\_ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

### BOND VERIFICATION (Fee wells only)

Surety # 446053821/80,000 "United Pacific Ins. Co."

- Lee 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- Lee 2. A copy of this form has been placed in the new and former operators' bond files.
- Lee 3. The former operator has requested a release of liability from their bond (yes/no) \_\_\_\_.  
Today's date Nov. 2, 1995. If yes, division response was made by letter dated \_\_\_\_\_ 19\_\_\_\_.

### LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated \_\_\_\_\_ 19\_\_\_\_, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

### FILMING

- ✓ 1. All attachments to this form have been microfilmed. Date: November 30 1995.

### FILING

- \_\_\_\_ 1. Copies of all attachments to this form have been filed in each well file.
- \_\_\_\_ 2. The original of this form and the original attachments have been filed in the Operator Change file.

### COMMENTS

951003 BIA Aprv. C.A. Wells 9-29-95.

STATE OF UTAH  
DIVISION OIL, GAS AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.

Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well:

OIL ☒ GAS ☐ OTHER:

2. Name of Operator:

Coastal Oil &amp; Gas Corporation

3. Address and Telephone Number:

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4455

4. Location of Well

Footages: See Attached

QQ, Sec., T., R., M.: See Attached

5. Lease Designation and Serial Number:

See Attached

6. If Indian, Allottee or Tribe Name:

See Attached

7. Unit Agreement Name:

See Attached

8. Well Name and Number:

See Attached

9. API Well Number:

See Attached

10. Field and Pool, or Wildcat:

See Attached

County: See Attached

State: Utah

11.

## CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## NOTICE OF INTENT

(Submit In Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon                   | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion       | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____               |   |

Approximate date work will start \_\_\_\_\_

## SUBSEQUENT REPORT

(Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon *                           | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing                       | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                     | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Convert to Injection                | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat or Acidize           | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other Change of Operator |   |

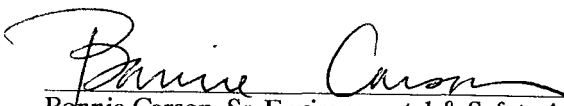
Date of work completion \_\_\_\_\_

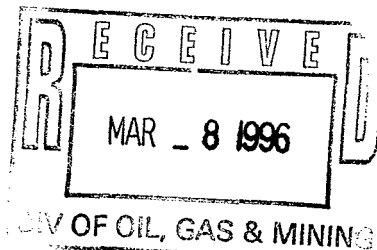
Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

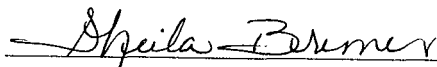
Please be advised that effective December 27, 1995, ANR Production Company relinquished and Coastal Oil & Gas Corporation assumed operations for the subject wells (see attached). Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Coastal Oil & Gas Corporation under the following bonds: State of Utah #102103, BLM Nationwide Bond #U605382-9, and BIA Nationwide Bond #11-40-66A. Coastal Oil & Gas Corporation, as operator, agrees to be responsible under the terms and conditions of the leases for the operations conducted upon leased lands.

  
Bonnie Carson, Sr. Environmental & Safety Analyst  
ANR Production Company



13.

Name &amp; Signature:



Sheila Bremer

Environmental &amp; Safety Analyst

Title: Coastal Oil &amp; Gas Corporation

Date:

03/07/96

(This space for State use only)

Well Name & No.	API No.	Lease Designation & Serial Number	If Indian, Allottee or Tribe Name	CA No.	LOCATION OF WELL		Field	County
					Footages	Section, Township & Range		
Brotherson 1-33A4	43-013-30272	Patented 1680	N/A	N/A	820' FNL & 660' FEL	NENE, 33-1S-4W	Altamont	Duchesne
Brotherson 2-10B4	43-013-30443	Patented 1615	N/A	N/A	1241' FSL & 1364' FWL	SESW, 10-2S-4W	Altamont	Duchesne
Brotherson 2-14B4	43-013-30815	Fee 10450	N/A	N/A	2557' FSL & 1642' FWL	NESW, 14-2S-4W	Altamont	Duchesne
Brotherson 2-15B4	43-013-31103	Fee 1771	N/A	N/A	996' FWL & 1069' FSL	SWSW, 15-2S-4W	Altamont	Duchesne
Brotherson 2-22B4	43-013-31086	Fee 1782	N/A	N/A	1616' FWL & 1533' FSL	NESW, 22-2S-4W	Altamont	Duchesne
Brotherson 2-2B5	43-013-31302	Fee 11342	N/A	N/A	1034' FSL & 2464' FEL	SWSE, 2-2S-5W	Altamont	Duchesne
Christensen 2-29A4	43-013-31303	Fee 11235	N/A	N/A	1425' FSL & 2131' FEL	NWSE, 29-1S-4W	Altamont	Duchesne
Crook 1-6B4	43-013-30213	Patented 1825	N/A	N/A	2485' FNL & 1203' FEL	SENE, 6-2S-4W	Altamont	Duchesne
Dastrup 2-30A3	43-013-31320	Fee 11253	N/A	N/A	1250' FSL & 1229' FWL	SWSW, 30-1S-3W	Altamont	Duchesne
Doyle 1-10B3	43-013-30187	Patented 1810	N/A	N/A	2382' FNL & 2157' FWL	SENE, 10-2S-3W	Bluebell	Duchesne
Duncan 2-9B5	43-013-30719	Fee 2410	N/A	N/A	1701' FWL & 1554' FSL	NESW, 9-2S-5W	Altamont	Duchesne
Ehrich 3-11B5	43-013-31080	Fee 1691	N/A	N/A	1654' FSL & 1754' FWL	NESW, 11-2S-5W	Altamont	Duchesne
Elder 1-13B2	43-013-30366	Patented 1905	N/A	N/A	1490' FNL & 1334' FEL	SWNE, 13-2S-2W	Bluebell	Duchesne
Ellsworth 1-17B4	43-013-30126	Patented 1695	N/A	N/A	763' FNL & 1189' FEL	NENE, 17-2S-4W	Altamont	Duchesne
Ellsworth 1-19B4	43-013-30183	Patented 1760	N/A	N/A	2043' FNL & 1764' FEL	SWNE, 19-2S-4W	Altamont	Duchesne
Ellsworth 1-20B4	43-013-30351	Patented 1900	N/A	N/A	1744' FNL & 1342' FEL	SWNE, 20-2S-4W	Altamont	Duchesne
Ellsworth 1-8B4	43-013-30112	Fee 1655	N/A	N/A	1755' FNL & 2377' FEL	SWNE, 8-2S-4W	Altamont	Duchesne
Ellsworth 2-17B4	43-013-31089	Fee 1696	N/A	N/A	1355' FWL & 1362' FSL	NESW, 17-2S-4W	Altamont	Duchesne
Ellsworth 2-19B4	43-013-31105	Fee 1761	N/A	N/A	1402' FSL & 1810' FWL	NESW, 19-2S-4W	Altamont	Duchesne
Ellsworth 2-20B4	43-013-31090	Fee 1902	N/A	N/A	677' FWL & 1611' FSL	NWSW, 20-2S-4W	Altamont	Duchesne
Ellsworth 3-20B4	43-013-31389	Fee 11488	N/A	N/A	1500' FNL & 1203' FWL	SWNW, 20-2S-4W	Altamont	Duchesne
Farnsworth 1-12B5	43-013-31024	30124 Patented 1645	N/A	N/A	2479' FNL & 1503' FEL	SWNE, 12-2S-5W	Altamont	Duchesne
Farnsworth 1-13B5	43-013-30092	Patented 1610	N/A	N/A	670' FNL & 1520' FEL	NWNE, 13-2S-5W	Altamont	Duchesne
Farnsworth 1-7B4	43-013-30097	Patented 1600	N/A	N/A	1923' FNL & 1095' FEL	SENE, 7-2S-4W	Altamont	Duchesne
Farnsworth 2-12B5	43-013-31115	Fee 1646	N/A	N/A	993' FSL & 768' FWL	SWSW, 12-2S-5W	Altamont	Duchesne
Farnsworth 2-7B4	43-013-30470	Patented 1935	N/A	N/A	1292' FSL & 1500' FWL	SESW, 7-2S-4W	Altamont	Duchesne
Fieldstead 2-28A4	43-013-31293	Fee 11177	N/A	N/A	2431' FSL & 2212' FWL	NESW, 28-1S-4W	Altamont	Duchesne
Galloway 1-18B1	43-013-30575	Fee 2365	N/A	N/A	1519' FNL & 1565' FEL	SWNE, 18-2S-1W	Bluebell	Duchesne
Hanskutt 2-23B5	43-013-30917	Fee 9600	N/A	N/A	951' FSL & 761' FWL	SWSW, 23-2S-5W	Altamont	Duchesne
Hanson 1-24B3	43-013-30629	Fee 2390	N/A	N/A	1354' FNL & 1540' FWL	NENW, 24-2S-3W	Bluebell	Duchesne
Hanson 2-9B3	43-013-31136	Fee 10455	N/A	N/A	1461' FWL & 1531' FSL	NESW, 9-2S-3W	Altamont	Duchesne
Hanson Trust 1-32A3	43-013-30141	Patented 1640	N/A	N/A	671' FNL & 1710' FEL	NWNE, 32-1S-3W	Altamont	Duchesne
Hanson Trust 1-5B3	43-013-30109	Patented 1635	N/A	N/A	1200' FNL & 1140' FWL	NENE, 5-2S-3W	Altamont	Duchesne
Hanson Trust 2-29A3	43-013-31043	Fee 10205	N/A	N/A	1857' FWL & 1394' FSL	NESW, 29-1S-3W	Altamont	Duchesne
Hanson Trust 2-32A3	43-013-31072	Fee 1641	N/A	N/A	1141' FWL & 1602' FSL	NWSW, 32-1S-3W	Altamont	Duchesne
Hanson Trust 2-5B3	43-013-31079	Fee 1636	N/A	N/A	1606' FSL & 1482' FWL	NESW, 5-2S-3W	Altamont	Duchesne
Hartman 1-31A3	43-013-30093	Fee 5725	N/A	N/A	1019' FNL & 1024' FEL	NENE, 31-1S-3W	Altamont	Duchesne
Hartman 2-31A3	43-013-31243	Fee 11026	N/A	N/A	2437' FSL & 1505' FWL	SWSW, 31-1S-3W	Altamont	Duchesne
Hunt 1-21B4	43-013-30214	Patented 1840	N/A	N/A	1701' FNL & 782' FEL	SENE, 21-2S-4W	Altamont	Duchesne
Hunt 2-21B4	43-013-31114	Fee 1839	N/A	N/A	1512' FWL & 664' FSL	NESW, 21-2S-4W	Altamont	Duchesne
Iorg 2-10B3	43-013-31388	Fee 11482	N/A	N/A	738' FNL & 660' FEL	NENE, 10-2S-3W	Altamont	Duchesne
Lake Fork 3-15B4	43-013-31358	Fee 11378	N/A	N/A	1300' FNL & 1450' FWL	NENW, 15-2S-4W	Altamont	Duchesne
Lawrence 1-30B4	43-013-30220	Fee 1845	N/A	N/A	919' FNL & 1622' FEL	NWNE, 30-2S-4W	Altamont	Duchesne
Lawson 1-28A1	43-013-30358	Fee 1901	N/A	N/A	2275' FSL & 1802' FEL	NWSE, 28-1S-1W	Bluebell	Duchesne
Lazy K 2-14B3	43-013-31354	Fee 11452	N/A	N/A	1670' FSL & 1488' FEL	NWSE, 14-2S-3W	Bluebell	Duchesne
Lindsay 2-33A4	43-013-31141	Fee 10457	N/A	N/A	1499' FWL & 663' FSL	SESW, 33-1S-4W	Altamont	Duchesne
Lotridge Gates 1-3B3	43-013-30117	Patented 1670	N/A	N/A	965' FNL & 750' FEL	NENE, 3-2S-3W	Altamont	Duchesne
Matthews 2-13B2	43-013-31357	Fee 11374	N/A	N/A	858' FNL & 1098' FWL	NWNW, 13-2S-2W	Bluebell	Duchesne
Meeks 3-8B3	43-013-31377	Fee 11489	N/A	N/A	1065' FNL & 1124' FWL	NWNW, 8-2S-3W	Altamont	Duchesne

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

Routing: *64*

1	REC-7-B
2	DTS 8-FILE
3	WLD
4	RPT
5	LEC
6	FILM

Attach all documentation received by the division regarding this change.  
 Initial each listed item when completed. Write N/A if item is not applicable.

- ☒ Change of Operator (well sold)      ☐ Designation of Agent  
☐ Designation of Operator      ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 12-27-95)

TO (new operator) COASTAL OIL & GAS CORP  
 (address) PO BOX 749  
DENVER CO 80201-0749  
 phone (303) 572-1121  
 account no. N 0230 (B)

FROM (former operator) ANR PRODUCTION CO INC  
 (address) PO BOX 749  
DENVER CO 80201-0749  
 phone (303) 572-1121  
 account no. N0675

Well(s) (attach additional page if needed):

Name: <b>**SEE ATTACHED**</b>	API: <u>013-30093</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

- lec* 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 3-8-96)*
- lec* 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 3-8-96)*
- N/A* 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_\_ If yes, show company file number: \_\_\_\_\_
- N/A* 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- lec* 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(3-11-96) (4-3-96/Indian) (4-15-96/Fee C.A.'s) (8-20-96/Indian C.A.'s)*
- lec* 6. Cardex file has been updated for each well listed above.
- lec* 7. Well file labels have been updated for each well listed above.
- lec* 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(3-11-96)*
- lec* 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

### ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

### BOND VERIFICATION (Fee wells only) *Surety No. U605382-1 (\$80,000) United Pacific Ins. Co.*

- Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files. *\* Upon Compl. of routing.*
- Yes 3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date March 11, 1996. If yes, division response was made by letter dated                      19  . *(Same Bond as Coastal)*

### LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated                      19  , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases.

### FILMING

- Yes 1. All attachments to this form have been microfilmed. Date: 1-7 1997.

### FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

### COMMENTS

*9/6/311 This change involves Fee lease / non C.A. wells ~~only~~ State lease wells.  
C.A. & Indian lease wells will be handled on separate change.*

*9/6/412 BLM / SL Aprv. C.A.'s 4-11-96.*

*9/6/0820 BIA Aprv. CA's 8-16-96.*

*9/6/0329 BIA Aprv. Indian Lease wells 3-26-96.*

WE711/34-35

*\* 9/6/1107 Lemicy 2-5B2 / 43-013-30784 under review at this time; no dg. yet!*

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR:  
El Paso Production Oil & Gas Company

3. ADDRESS OF OPERATOR: 368 South 1200 East CITY Vernal STATE Utah ZIP 84078 PHONE NUMBER: 435-789-4433

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

COUNTY:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____  <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: <u>Name Change</u>
--	---	--	--

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

As a result of the merger between The Coastal Corporation and a wholly owned subsidiary of El Paso Energy Corporation, the name of Coastal Oil & Gas Corporation has been changed to El Paso Production Oil & Gas Company effective March 9, 2001.

See Exhibit "A"

Bond # 400JU0708

Coastal Oil & Gas Corporation

NAME (PLEASE PRINT) John T. Elzner

TITLE Vice President

SIGNATURE 

DATE 06-15-01

El Paso Production Oil & Gas Company

NAME (PLEASE PRINT) John T. Elzner

TITLE Vice President

SIGNATURE 

DATE 06-15-01

(This space for State use only)

RECEIVED

JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING



*State of Delaware*  
*Office of the Secretary of State*

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PAGE 1

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COASTAL OIL & GAS CORPORATION", CHANGING ITS NAME FROM "COASTAL OIL & GAS CORPORATION" TO "EL PASO PRODUCTION OIL & GAS COMPANY", FILED IN THIS OFFICE ON THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.

**RECEIVED**

JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING



*Harriet Smith Windsor*  
Harriet Smith Windsor, Secretary of State

0610204 8100

AUTHENTICATION: 1061007

010162788

DATE: 04-03-01

**CERTIFICATE OF AMENDMENT  
OF  
CERTIFICATE OF INCORPORATION**

COASTAL OIL & GAS CORPORATION (the "Company"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of the Company, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of the Company:

RESOLVED that it is deemed advisable that the Certificate of Incorporation of this Company be amended, and that said Certificate of Incorporation be so amended, by changing the Article thereof numbered "FIRST." so that, as amended, said Article shall be and read as follows:


"FIRST. The name of the corporation is El Paso Production Oil & Gas Company."

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders entitled to vote have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said COASTAL OIL & GAS CORPORATION has caused this certificate to be signed on its behalf by a Vice President and attested by an Assistant Secretary, this 9th day of March 2001.

COASTAL OIL & GAS CORPORATION



David L. Siddall  
Vice President

Attest:

  
(Margaret E. Roark, Assistant Secretary)

**RECEIVED**

STATE OF DELAWARE  
SECRETARY OF STATE  
DIVISION OF CORPORATIONS  
FILED 11:00 AM 03/09/2001  
010118394 - 0610204

JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING

**OPERATOR CHANGE WORKSHEET****ROUTING**

1. GLH		4-KAS ✓
2. CDW ✓		5-LP ✓
3. JLT		6-FILE

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

**X**      **Merger**The operator of the well(s) listed below has changed, effective: **3-09-2001**

<b>FROM:</b> (Old Operator):
COASTAL OIL & GAS CORPORATION
Address: 9 GREENWAY PLAZA STE 2721
HOUSTON, TX 77046-0995
Phone: 1-(713)-418-4635
Account N0230

<b>TO:</b> ( New Operator):
EL PASO PRODUCTION OIL & GAS COMPANY
Address: 9 GREENWAY PLAZA STE 2721 RM 2975B
HOUSTON, TX 77046-0995
Phone: 1-(832)-676-4721
Account N1845

**CA No.****Unit:****WELL(S)**

NAME	API NO	ENTITY NO	SEC TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
MONSEN 3-27A3	43-013-31401	11686	27-01S-03W	FEE	OW	P
WINKLER 1-28A3	43-013-30191	1750	28-01S-03W	FEE	OW	P
WINKLER 2-28A3	43-013-31109	1751	28-01S-03W	FEE	OW	P
HANSON TRUST 2-29A3	43-013-31043	10205	29-01S-03W	FEE	OW	P
STEVENSON 3-29A3	43-013-31376	11442	29-01S-03W	FEE	OW	P
DASTRUP 2-30A3	43-013-31320	11253	30-01S-03W	FEE	OW	P
<b>B HARTMAN U 1-31A3</b>	43-013-30093	5725	31-01S-03W	FEE	OW	S
HARTMAN 2-31A3	43-013-31243	11026	31-01S-03W	FEE	OW	P
HANSON TRUST 2-32A3	43-013-31072	1641	32-01S-03W	FEE	OW	P
POWELL 1-33A3	43-013-30105	1625	33-01S-03W	FEE	OW	P
POWELL 2-33A3	43-013-30704	2400	33-01S-03W	FEE	OW	P
REMINGTON 1-34A3	43-013-30139	1725	34-01S-03W	FEE	OW	P
REMINGTON 2-34A3	43-013-31091	1736	34-01S-03W	FEE	OW	P
JACOBSEN 2-12A4	43-013-30985	10313	12-01S-04W	FEE	OW	S
JESSEN 1-15A4	43-013-30817	9345	15-01S-04W	FEE	OW	P
FISHER 1-16A4	43-013-30737	9117	16-01S-04W	FEE	OW	P
JESSEN 1-17A4	43-013-30173	4725	17-01S-04W	FEE	OW	P
JESSEN 2-21A4	43-013-31256	11061	21-01S-04W	FEE	OW	P
CR AMES 1-23A4	43-013-30375	5675	23-01S-04W	FEE	OW	S
GOODRICH 1-24A4	43-013-30760	9136	24-01S-04W	FEE	OW	P

**OPERATOR CHANGES DOCUMENTATION**

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/19/2001
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/19/2001
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 06/21/2001
4. Is the new operator registered in the State of Utah: YES Business Number: 608186-0143

5. If **NO**, the operator was contacted on: N/A
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: N/A
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

---

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 06/27/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 06/27/2001
3. Bond information entered in RBDMS on: 06/20/2001
4. Fee wells attached to bond in RBDMS on: 06/27/2001

---

**STATE BOND VERIFICATION:**

1. State well(s) covered by Bond No.: N/A

---

**FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: 400JU0708
2. The **FORMER** operator has requested a release of liability from their bond on: COMPLETION OF OPERATOR CHANGE  
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: COMPLETION OF OPERATOR CHANGE

---

**FILMING:**

1. All attachments to this form have been **MICROFILMED** on: 8.15.01

---

**FILING:**

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: \_\_\_\_\_

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**COMMENTS: Master list of all wells involved in operator change from Coastal Oil & Gas Corporation to El Paso Production Oil and Gas Company shall be retained in the "Operator Change File".**

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**STATE OF UTAH**  
**DEPARTMENT OF NATURAL RESOURCES**  
**DIVISION OF OIL, GAS AND MINING**

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT -- for such proposals		6. Lease Designation and Serial Number <p style="text-align: center;">FEE</p> 7. Indian Allottee or Tribe Name <p style="text-align: center;">N/A</p> 8. Unit or Communitization Agreement <p style="text-align: center;">N/A</p> 9. Well Name and Number <p style="text-align: center;"><i>B. Hartman</i> Hartman #1-31A3</p> 10. API Well Number <p style="text-align: center;">43-013-30093</p> 11. Field and Pool, or Wildcat <p style="text-align: center;">Bluebell</p>																									
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)																											
2. Name of Operator El Paso Production Oil & Gas Company																											
3. Address of Operator P.O. Box 1148 Vernal, Utah 84078	4. Telephone Number (435) 781-7024																										
5. Location of Well Footage : 1019'FNL & <sup>1204</sup> 1024'FEL      County : Duchesne QQ, Sec, T., R., M : NENE Section 31-T1S-R3W      State : Utah																											
<b>12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>																											
<b>NOTICE OF INTENT</b> (Submit in Duplicate)  <table style="width: 100%;"> <tr> <td><input type="checkbox"/> Abandonment</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Recompletion</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Multiple Completion</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input checked="" type="checkbox"/> Other <u>Plug and Abandon</u></td> <td></td> </tr> </table> Approximate Date Work Will Start <u>Upon Approval</u>	<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off	<input checked="" type="checkbox"/> Other <u>Plug and Abandon</u>		<b>SUBSEQUENT REPORT</b> (Submit Original Form Only)  <table style="width: 100%;"> <tr> <td><input type="checkbox"/> Abandonment *</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input type="checkbox"/> Other _____</td> <td></td> </tr> </table> Date of Work Completion _____  Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.	<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Other _____	
<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction																										
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<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off																										
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<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off																										
<input type="checkbox"/> Other _____																											

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

The operator requests authorization to plug and abandon the subject well. All intervals in the Green River and Wasatch zones have been produced. The well has experienced significant casing problems repeatedly during its history. It is no longer economical to produce this well. After evaluating all hydrocarbon-bearing zones and it has been determined that no additional recompletion potential exists in this well. Plugging and Abandonment is the only remaining viable economic operation to perform.

Please refer to the attached plug and abandonment procedure.

14. I hereby certify that the foregoing is true and correct.

Name & Signature Sheila Upchego Title Regulatory Analyst Date 12/19/01

(State Use Only)

APPROVED BY THE STATE  
 OF UTAH DIVISION OF  
 OIL, GAS, AND MINING

**COPY SENT TO OPERATOR**

Date: 1-19-02  
 Initials: CHD

(8/90)

DATE: 11/15/02  
 BY: D. R. Deane See Instructions on Reverse Side  
\* See Conditions of Approval



## PLUG AND ABANDON PROCEDURE

Hartman 1-31A3  
NENE Sec 31-T1S-R3W  
Duchesne County, Utah  
December 18, 2001

### WELL DATA:

**DEPTH:** TD: 14,500 ft PBTD: 14,495 ft

**ELEVATIONS:** GL: 6267 ft KB: 6286 ft

**CASING:** 10 3/4" 40.5# K-55 csg set @ 2522', cmt'd w/ 2425 sx, 15" hole  
7" 26# S-95 csg set @ 12,060', cmt'd w/ 675 sx, 8 3/4" hole  
5" 18# P-110 liner set @ 14,497' w/ TOL @ 11,848'

**TUBING:** 2 7/8" 6.5# N-80 8RD set @ 11,540'  
1.90" 2.76# N-80 10RD set @ 7033'

**PERFORATIONS:** Green River 11,433' – 11,989'

#### Tubular Properties:

Description	ID (in)	Drift (in)	Capacity (bbl/ft)	Burst (psi)	Collapse (psi)
10 3/4" 40.5# K-55	10.050	9.894	0.0981	3,130	1,580
7" 26# S-95	6.276	6.151	0.0382	8,600	5,870
5" 18# P-110	4.276	4.151	0.0177	13,620	13,450

18" conductor csg set to 60' ground level

#### Annular Capacities:

Description	Capacity (bbl/ft)
10 3/4" csg X 7" csg	0.0505
8 3/4" hole X 7" csg	0.0268

Slurry properties: Class G Cement, 15.8 ppg, 1.15 ft<sup>3</sup>/sk

Present Status: TA

### RECOMMENDED PROCEDURE:

**NOTE:** All water used to displace cmt and placed between plugs should contain corrosion inhibitor and should be 8.8 ppg to 9.2 ppg brine.

1. Insure regulatory agencies are given proper notification prior to PXA.
2. Transport 1000 ft 2 7/8" workstring to well location from Altamont stock yard.
3. MIRU workover unit. ND well head and NU BOPs. POOH 1.90" tbg and lay down. POOH 2 7/8" tbg and stand back tbg. Lay down BHA.
4. PU 6" bit and csg scraper for 7" csg. RIH w/ bit and scraper to 12,482' (CIBP @ 12,487 w/ 5' cmt cap) and pump 200°F PW to remove paraffin from tbg. POOH, laying down 1100 ft, standing back 11,440 ft.

5. PU 5" CICR and RIH w/ CICR on 2 7/8" tbg. Set CICR @ 11,300'. Before shearing out of CICR fill tbg w/ PW and pressure tbg up to 1000 psi to check for leaks in tbg. Mix and pump 180 sx Class G cmt, pumping 160 sx through CICR and spotting remaining 20 sx on top. Pull up hole 10 jts and reverse-circulate tbg clean.
6. Pressure test casing to 500 psi. If casing tests okay continue to step 7. If pressure test fails, locate casing leak and set CICR 50 ft above leak. Mix and pump 25 sacks cement spotting 5 sacks on top of retainer. (Consult w/ Engineering if casing leak is above 5000 ft.)
7. Displace water in hole w/ 9# brine w/ corrosion inhibitor. POOH standing back 5000 ft and laying down 6440 ft.
8. MIRU wireline. RIH and shoot 4 squeeze holes @ +/- 5050'. POOH and RD wireline. RIH w/ open-ended 2 7/8" tbg to 5050'. Mix and pump 40 sx Class G cement w/ 1% CaCl<sub>2</sub> (in mix water), spotting balanced plug. POOH 10 jts tbg, and reverse circulate clean. WOC. TOC @ ~ 4950'. Tag cmt plug. Re-spot balanced plug as needed. POOH standing back 2550 ft, laying down 2450 ft.
9. RU wireline. Perforate 4 squeeze holes @ +/- 2572'. POOH and RDMO wireline. Open 10 3/4" csg valve. Pump brine down 10 3/4" X 7" annulus, through perfs, and up 7" csg to establish circulation.  
**If returns up 7" csg are established:**  
PU CICR and RIH w/ CICR on 2 7/8" tbg. Set CICR @ 22522'. With 10 3/4" casing valve open, mix and pump 40 sacks Class G cement w/ 2% CaCl<sub>2</sub>, pumping 30 sx through CICR and spotting the remaining 10 sx on top. Pull up hole laying down 10 jts. Reverse circulate tbg clean. POOH laying down tubing. TOC @ 2470'.  
**If lost circulation occurs:**  
RIH w/ 2 7/8" tbg open-ended to 2572'. Open 10 3/4" casing valve. Shut 7" csg valve. Establish injection rate. Mix and pump 40 sacks Class G cement w/ 2% CaCl<sub>2</sub> (in mix water) as follows: pump first 20 sx into perfs, open 7" csg valve, close 10 3/4" csg valve, and spot balanced plug w/ remaining 20 sx. POOH 5 jts tbg and reverse circulate tbg clean. WOC. TOC @ 2,470'. RIH & tag cement plug. Re-spot balanced plug as necessary. POOH laying down tubing.
10. RIH to 100' w/ 1" continuous tbg. Mix and pump 20 sx Class G cmt w/ 2% CaCl<sub>2</sub> (in mix wtr) into 7" csg to surface POOH. Remove well head and run into 10 3/4" X 7" annulus w/ 1" tbg to 100'. Fill annulus w/ 25 sx Class G cmt w/ 2% CaCl<sub>2</sub> to surface.
11. Cut off all casing strings 3 ft below ground level. Install dry hole marker.

Restore location as per BLM's requirements in APD.

JJV

**Approvals:**

Engineering Mgr: \_\_\_\_\_

Tech Director: \_\_\_\_\_

VP: \_\_\_\_\_

SEC: 31  
TWP: 1S  
RGE: 3W  
QTR: NE NE

12/16/1971	Well spudded.
12/27/1971	10 3/4" 40.5# K-55 csg set to 2522 ft. Cmt'd w/ 2425 sx. Hole size 15".
2/18/1972	7" 26# S-95 csg set to 12,060 ft. Cmt'd w/ 675 sx. Hole size 8 3/4".
4/8/1972	5" 18# P-110 liner set to 14,497 ft. TOL @ 11,848'.
8/17/1972	Perf Wasatch 12,673' - 14,439'.
4/1/1974	Acidized perfs 12,673' - 12,439' w/ 20,000 gal 15% HCl.
5/1/1974	Found parted csg collar in 7" csg @ 3900 ft. Squeeze leak. Acidized perfs 12,673'-14,439' w/ 30,000 gal 15% HCl.
10/1/1976	Acidized perfs 12,673' - 12,439' w/ 45,000 gal 15% HCl.
7/27/1977	Put well on hydraulic lift.
9/2/1977	Acidized perfs 12,673'-14,439' w/ 18,000 gal 15% HCl.
5/15/1980	Squeeze holes 3922'-32' w/ 500 sx. Squeeze holes 6932'-7085' w/ 400 sx. Perf Wasatch 12,676'-14,389'
6/4/1980	Acidized perfs 12,675'-14,439' w/ 22,000 gal 15% MSR acid.
9/24/1981	Convert well to submersible pump.
1/1/1985	Continuous ESP problems from entry of foreign water from csg.
12/6/1985	Csg inspection log showed bad csg @ 3940'. Squeezed 150 sx into holes 7872'-7934'.
6/18/1986	Pumped 300 sx into csg leak 3725'-4343'. Acidize Wasatch perfs 12,647'-14,439' w/ 15,000 gal 15% HCl.
11/8/1987	CO to 14,309'.
12/31/1987	Pumped 100 sx into csg leak 8050'-8112' and no squeeze. Pumped another 100 sx and got squeeze. Squeezed 100 sx into leak @ 7741'-7804'.
1/3/1988	Acidized perfs w/ 5000 gal 15% HCl.
8/13/1993	CO hole to 12,552'. Set 5" CIBP @ 12,487' & dump bailed 5' cmt on top. Squeezed csg leak 3807'-4404' w/ 250 sx cmt.
4/21/1994	Perf Lower Green River 11,433'-11,989' w/ 2 SPF. 92 ft net, 184 holes. Acidized LGR perfs w/ 5000 gal 15% HCl.
6/19/1994	Convert well to rod pump.



DATE: 12/12/01  
FOREMAN: JJV

WELL: Hartman 1-31A3  
API NO: 43-013-30093  
FIELD: Altamont Bluebell

CNTY: Duchesne  
STATE: UT

SEC: 31  
TWP: 1S  
RGE: 3W  
QTR: NE NE

KB (ft): 6286  
GL (ft): 6267  
TD (ft): 14,500  
Original PBTD  
(ft): 14,495  
Current PBTD  
(ft): 12,487

Squeezed leak 3725'-4343'  
w/ 300 sx, 6/18/86  
Parted csg collar in 7" csg  
@ ~3900'; squeezed leak

Squeezed leak 3922'-32' w/  
500 sx, 5/15/80

Squeezed leak 6932'-7085'  
w/ 400 sx, 5/15/80

Squeezed leak 7741'-7804'  
w/ 100 sx, 11/12/87  
Squeezed leak 7872'-7934'  
w/ 150 sx, 12/6/85

Squeezed leak 8050'-8112'  
w/ 200 sx, 11/12/87

TOC @ 9250', CBL 12/6/85

CIBP @ 12,487' capped w/  
5' cmt, 8/13/93

#### Current Well Status

#### CASING RECORD

SIZE (in)	WT (lb/ft)	GRADE	THD	TOP (ft)	BTM (ft)	Date Run
10 3/4	40.5	K-55		Surface	2522	12/16/1971
7	26	S-95		Surface	12060	12/27/1971
5	18	P-110		11,848	14497	2/18/1972

#### TUBING RECORD

SIZE (in)	WT (lb/ft)	GRADE	THD	TOP (ft)	BTM (ft)	Date Run
2 7/8	6.5	N-80	8RD	Surface	11540	6/19/1994
1 9/10	2.76	N-80	10RD	Surface	7033	6/19/1994

#### JEWELRY RECORD

ITEM	MAKER	SIZE (in)	Max ID	TOP (ft)	Date Run
CIBP		5		12,487	8/13/1993

#### PERFORATION RECORD

ZONE	TOP (ft)	BTM (ft)	SPF	No. Holes	Date Shot
Wasatch	12,673	14,439			08/17/1972
Wasatch	12,676	14,389			05/15/1980
Green River	11,433	11,989	2	184	04/21/1994

#### COMMENTS:

12/16/1971	Well spudded.
12/27/1971	10 3/4" 40.5# K-55 csg set to 2522 ft. Cmt'd w/ 2425 sx. Hole size 15".
2/18/1972	7" 26# S-95 csg set to 12,060 ft. Cmt'd w/ 675 sx. Hole size 8 3/4".
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6/19/1994	Convert well to rod pump.



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Kathleen Clarke  
Executive Director

Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

***CONDITIONS OF APPROVAL  
TO PLUG AND ABANDON WELL***

Well Name and Number: B Hartman Unit 1-31A3  
API Number: 43-013-30093  
Operator: El Paso Production Oil & Gas Company  
Reference Document: Original Sundry Notice dated December 19, 2001,  
received by DOGM on December 20, 2001

Approval Conditions:

1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.
2. A 100' balanced plug shall be added from  $\pm 5900'$  --  $6000'$  (approx. 20 sx).
3. Procedure Item #8 (Balance Plug @ 5050') shall be relocated 1600' shallower across the base of the moderately saline ground water @ 3450' (from  $\pm 3500'$  - 3400').
4. All balanced plugs shall be tagged to ensure the plugs are at the depths specified in the proposal.
5. All annuli shall be cemented from a minimum depth of 100' to the surface.
6. Surface reclamation shall be done according to landowner's specifications.
7. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.
8. If there are any changes to the plugging procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 prior to continuing with the procedure.
9. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.

Dustin K. Doucet  
Petroleum Engineer

January 11, 2002

Date

API Well No: 43-013-30093-00-00

Permit No:

Well Name/No: B HARTMAN U 1-31A3

Company Name: EL PASO PROD OIL &amp; GAS CO

Location: Sec: 31 T: 1S R: 3W Spot: NENE

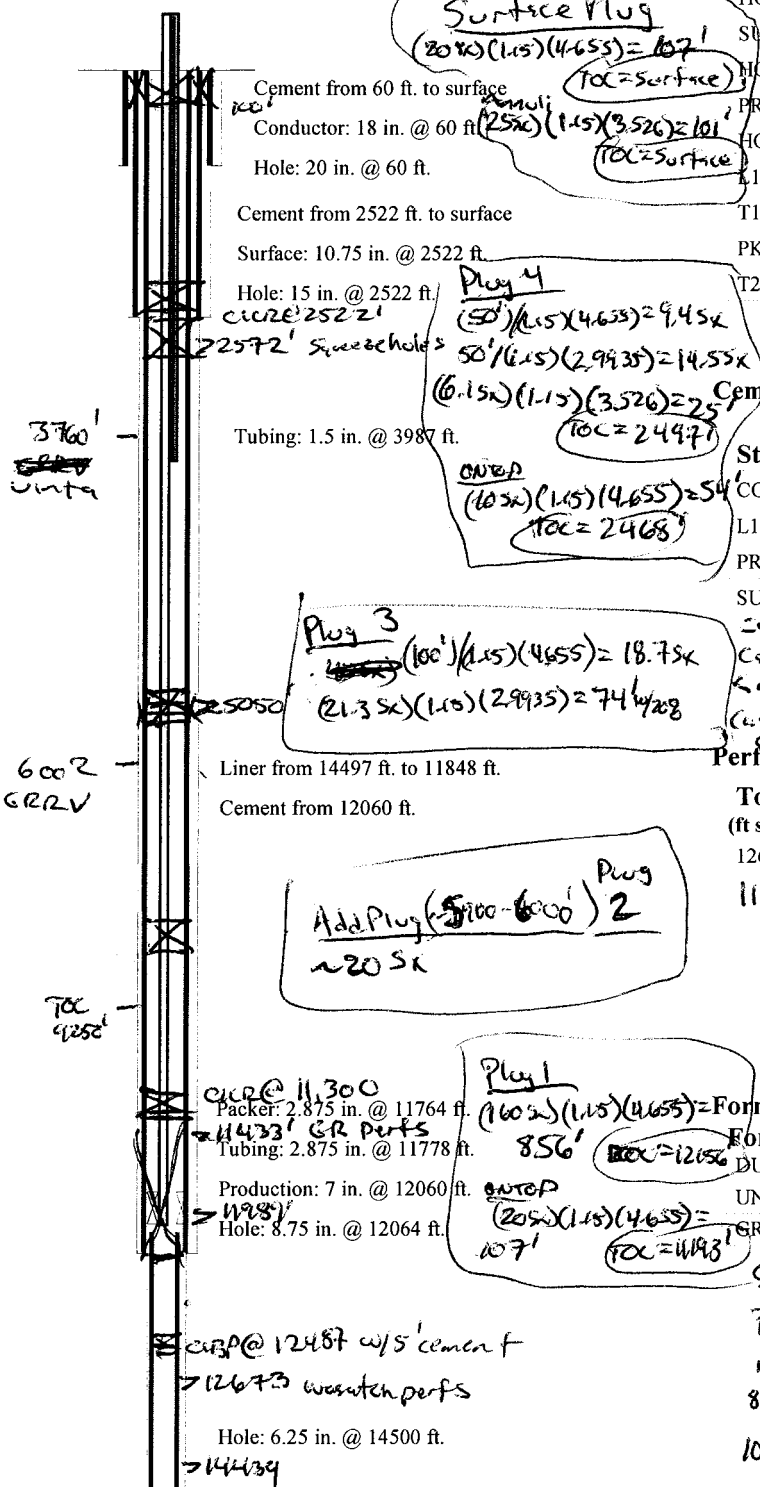
Coordinates: X: 4467393 Y: 562839

Field Name: ALTAMONT

County Name: DUCHESNE

## String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)
HOL1	60	20		
COND	60	18		
HOL2	2522	15		
SURF	2522	10.75	40.5	2522
HOL3	12064	8.75		
PROD	12060	7	26	12060
HOL4	14500	6.25		
L1	14497	5	18	2649
T1	11778	2.875	6.4	11778
PKR	11764	2.875		
T2	3987	1.5		



## Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
COND	60	0	UK	150
L1	14485			
PROD	12060		UK	675
SURF	2522	0	UK	2425

## Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
12673	14439			
11433	11889	4126/94		

## Formation Information

Formation	Depth	Formation	Depth
DUCHR	0		
UNTA	3760		
GRRV	6002		

## Capacities

$$7'' \times 26'' = 4.655 \text{ f/cf}$$

$$8\frac{3}{4}'' \text{ hole } 7'' = \frac{((1.2)(8.75))^2 - 7^2}{183.35} = 0.3741 = 2.9935 \text{ f/cf}$$

$$10\frac{3}{4}'' \times 7'' = 3.526 \text{ f/cf}$$

TD: 14500 TVD:

PBTD:

Dustin,

Here are the Altamont Bluebell P&A wells and their respective transition zone depths. The depth is the point at which the transition from the Green River formation to the Uinta formation occurs:

Wilkerson 1-20Z1 7819 ft  
CR Ames 1-23A4 5880 ft  
Summerral 1-30A1 5940 ft  
Hartman 1-31A3 5680 ft  
Powell 1-33A3 5700 ft  
Karl Shisler U 1-3B1 5040 ft  
Fisher 1-7A3 6682 ft  
Remington 2-34A4 5855 ft  
Morris 2-7A3 6810 ft  
Lamicq-Urruty 1-8A2 6965 ft

*mod saline @ ~3467'*

I realize that I lack the depths for two of our wells, the Hamblin 1-26A2 and the Kendall 1-12A2. I expect you will need them also. I will contact our geologist in Houston tomorrow and pass those numbers along to you as soon as I receive them. I appologize for the confusion.

Please let me know if there is any other information I can provide. Thank you for your time.

Jonathan J. Vacca  
Jonathan.Vacca@ElPaso.com  
435-781-7015  
435-671-2720 (NEW mobile)  
435-781-7095 (fax)  
435-781-0336 (residence)  
1368 South 1200 East  
Vernal, Utah 84078

\*\*\*\*\*

This email and any files transmitted with it from the ElPaso Corporation are confidential and intended solely for the use of the individual or entity to whom they are addressed. If you have received this email in error please notify the sender.

\*\*\*\*\*

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ

2. CDW

Change of Operator (Well Sold)

**X Operator Name Change**

The operator of the well(s) listed below has changed, effective:

7/1/2006

**FROM: (Old Operator):**

N1845-El Paso Production O&G Company

1001 Louisiana Street

Houston, TX 77002

Phone: 1 (713) 420-2300

**TO: ( New Operator):**

N3065-El Paso E&P Company, LP

1001 Louisiana Street

Houston, TX 77002

Phone: 1 (713) 420-2131

**CA No.**

**Unit:**

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 7/5/2006
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 7/5/2006
3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/30/2006
4. Is the new operator registered in the State of Utah: YES Business Number: 2114377-0181
5. If **NO**, the operator was contacted on: \_\_\_\_\_
- 6a. (R649-9-2)Waste Management Plan has been received on: \_\_\_\_\_ requested 7/18/06
- 6b. Inspections of LA PA state/fee well sites complete on: ok
- 6c. Reports current for Production/Disposition & Sundries on: \_\_\_\_\_
7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM not yet BIA not yet
8. **Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: not yet
9. **Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 7/14/2006

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 7/19/2006
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 7/19/2006
3. Bond information entered in RBDMS on: 7/19/2006
4. Fee/State wells attached to bond in RBDMS on: 7/19/2006
5. Injection Projects to new operator in RBDMS on: 7/19/2006
6. Receipt of Acceptance of Drilling Procedures for APD/New on: 7/5/2006

**BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: 103601420
2. Indian well(s) covered by Bond Number: 103601473
3. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 400JU0708
- a. The **FORMER** operator has requested a release of liability from their bond on: n/a applicable wells moved  
The Division sent response by letter on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

4. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 7/20/2006

**COMMENTS:**

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>MULTIPLE LEASES</b>
2. NAME OF OPERATOR: EL PASO PRODUCTION OIL AND GAS COMPANY <i>N1845</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1339 EL SEGUNDO AVE NE ALBUQUERQUE NM 87113		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (505) 344-9380		8. WELL NAME and NUMBER: <b>SEE ATTACHED</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>SEE ATTACHED</b> QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		9. API NUMBER:
		10. FIELD AND POOL, OR WILDCAT: <b>SEE ATTACHED</b>
		COUNTY: <b>UINTAH &amp; DUCHESNE</b>
		STATE: <b>UTAH</b>

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____  <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input checked="" type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> OTHER: <b>CHANGE OF OPERATOR</b>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

PLEASE BE ADVISED THAT EL PASO PRODUCTION OIL AND GAS COMPANY (CURRENT OPERATOR) HAS TRANSFERRED ITS OPERATORSHIP TO EL PASO E&P COMPANY, L.P. (NEW OPERATOR) EFFECTIVE ~~JUNE 30~~ *July 1*, 2006 AND THAT EL PASO E&P COMPANY, L.P. IS CONSIDERED TO BE THE NEW OPERATOR OF THE ATTACHED WELL LOCATIONS.

EL PASO E&P COMPANY, L.P. IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASED LANDS. BOND COVERAGE IS PROVIDED BY THE STATE OF UTAH STATEWIDE BLANKET BOND NO. 400JU0705, BUREAU OF LAND MANAGEMENT NATIONWIDE BOND NO. 103601420, AND BUREAU OF INDIAN AFFAIRS NATIONWIDE BOND NO. 103601473.

El Paso E & P Company, L. P. *N3065*  
1001 Louisiana  
Houston, TX 77002

*William M. Griffin*  
William M. Griffin, Sr. Vice President

NAME (PLEASE PRINT) <b>CHERYL CAMERON</b>	TITLE <b>AUTHORIZED REGULATORY AGENT</b>
SIGNATURE <i>Cheryl Cameron</i>	DATE <b>6/20/2006</b>

(This space for State use only)

**APPROVED** *7/19/06*  
*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

RECEIVED  
JUL 05 2006  
DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR:  
EL PASO E&P COMPANY, L.P.

3. ADDRESS OF OPERATOR:  
1099 18TH ST, STE 1900 CITY DENVER STATE CO ZIP 80202

PHONE NUMBER:  
(303) 291-6400

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 1019' FNL, 1204' FEL

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 31 1S 3W

5. LEASE DESIGNATION AND SERIAL NUMBER:  
FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  
N/A

7. UNIT or CA AGREEMENT NAME:  
N/A

8. WELL NAME and NUMBER:  
HARTMAN 1-31A3

9. API NUMBER:  
4301330093

10. FIELD AND POOL, OR WILDCAT:  
BLUEBELL

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Revised
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Operator requests authorization to plug and abandon the subject well with revised P&A procedure. Please refer to the attached procedures.

COPY SENT TO OPERATOR  
Date: 9/14/07  
Initials: [Signature]

NAME (PLEASE PRINT) Lisa Pretz

TITLE Engineering Tech

SIGNATURE [Signature]

DATE 6/7/2007

(This space for State use only)

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 9/13/07

BY: [Signature] (See Instructions on Reverse Side)

\* See conditions of Approval (Attached)  
(replace) Approval granted 1/15/02

RECEIVED

JUN 11 2007

DIV. OF OIL, GAS & MINING



## PLUG AND ABANDONMENT PROGNOSIS

WELL NAME: HARTMAN 1-31A3  
API #: 4301330093  
SEC 31-T1S-R3W  
DUCHESNE COUNTY, UT

### WELL DATA:

ELEVATIONS: GL 6,267' KB 6,286'

FORMATION TOPS: GREEN RIVER TN1 @ 7,681', TGR3 10,024', WASATCH @ 11,417'

BHST: 185°F @ 12,038'

DRILL DEPTH: 14,500'

PBTD: 14,478'

### HOLE/CASING SIZES:

22" hole 18" conductor @ 60' w/ 150 sxs cement.

15" hole 10 3/4" 40.5# K-55 @ 2,516' w/ 2425 sxs cement

8-3/4" hole 7" 26# S-95 @ 12,060' w/ 675 sxs cement

CBL TOC < 9,250' 2/72

6" hole 5" 18# P-110 @ 14,497' w/ 300 sxs cement

5" 18# P-110 TOL @ 11,835'

### TUBING SIZES:

2 7/8" 6.5# N-80 8RD @ 11,543' 8/94

1.9" 2.76# N-80 10RD @ 7033' NATIONAL PUMP CAVITY

PERFS: 4/94: 11,433-11,989'

### PACKERS & PLUGS:

5" CIBP @ 12,487 8/93

WELL HAS BEEN REPORTED AS SHUT IN SINCE 5/1999

CEMENT DESIGN: Class G Cement, 15.8 ppg, 1.15 FT3/SX. Displace with corrosion inhibited produced water.

### ABANDONMENT PROGNOSIS:

1. Notify DOGM of P&A operations at least 24 hrs prior to starting abandonment operations.
2. MIRUPU. Blow well down to tank and remove wellhead equipment. NU BOPE.



3. TOOH w/ 1.9" side string and lay down. Release MSOT packer @ 11,211' and tally TBG.
4. Plug #1, pump 50 sx class G, 40sx into CICR @ 11,380' and spot 10 sx on top. Fill and roll hole w/ corrosion inhibited produced water.
5. Plug #2, stabilizer plug above Green River TGR3 @ 9300-9200' with 20 sx class G cement. WOC and tag TOC.
6. Plug #3, stabilizer plug above Green River TN1 @ 6300-6200' with 20 sx class G cement. WOC and tag TOC.
7. Plug #4, stabilizer plug across BSGW @ 3500-3400' with 20 sx class G cement. WOC and tag TOC.
8. Free point 7" casing and lay down. TIH w/ TBG to 50' inside 7" stub.
9. Plug #5, spot 100'-150' plug 50' inside stub, (50' across open hole if any) and 50' into surface casing with 60 sx. Class G w/ 2% CC. WOC and tag plug. TOOH.
10. TIH w/ 9.875" bit to 1030'.
11. Plug #6, TIH w/ 10 3/4" CICR to 1000'. Spot 10 sxs Class G cement on top.
12. Plug #7, spot 100' surface plug w/ 50 sx Class G cement. Cement surface annulus via 1" tubing if necessary.
13. Cut off casing 3' below ground level and install dry hole plate. Dry hole plate to include well number, location, and lease name. RDMOPU.
14. Restore location.

GL 6267'  
KB 6296'

CONDUCTOR 18" 150 SX 60'

SURFACE 10 3/4" 40.5# K-55 2425 SX 2516'

HOLE SIZE	PIPE SIZE	WEIGHT	GRADE	SET DEPTH
22"	18"			150 SX 60'
15"	10 3/4"	40.5#	K-55	2425 SX 2516'
8.75"	7"	26#	S-95	675 SX 12060'
TOL	5"	18#	P110	11835'
6"	5"	18#	P110	300 SX 14497'

PERFORATIONS		
PERFS	13972'-14439'	4/72
PERFS	12673'-13892'	5/72
CIBP	12487'	8/93
PERFS	11433'-11989'	4/94
OPEN PERFS	11433'-11989'	

CSG LEAK #6 3725'-4343' W/ 30 SX 6/86  
 CSG LEAK #9 3807'-4404' W/ 250 SX PT 2000#, BLED TO 1130# 8/93  
 CSG LEAK #1 3900'-4000' 5/74  
 CSG LEAK #2 3922'-3932' W/ 400 SX PT 1950 5/80  
 CSG LEAK #4 3922'-3932' W/ 100 SX 5/80  
 CSG LEAK #3 6932'-7085' 400 SX 5/80  
 GRTN1 7681'  
 CSG LEAK #8 7741'-7804' 200 SX 11/87  
 CSG LEAK #5 7872'-7934' W/ 150 SX 12/85  
 CSG LEAK #7 8050'-8112' W/ 200 SX 11/87  
 TOC @ 9250' 2/72  
 TGR3 10024'

MSOT PACKER @ 11211 KB 8/94  
 PERFS 11433'-11989' 4/94

EOT @ 11543' KB 8/94

TOL 5" 18# P110 11835'  
 INTERMEDIATE 7" 26# S-95 675 SX 12060'

WASATCH 11417'

CIBP @ 12487' 8/93

PERFS 12673'-13892' 5/72

PERFS 13972'-14439' 4/72

PBTD 14478 5/72  
 LINER 5" 18# P110 300 SX 14497'  
 TD 14500'

CSG LEAK #1 3900'-4000' 5/74  
 CSG LEAK #2 3922'-3932' W/ 400 SX PT 1950 5/80  
 CSG LEAK #3 6932'-7085' 400 SX 5/80  
 CSG LEAK #4 3922'-3932' 100 SX 5/80  
 CSG LEAK #5 7872'-7934' W/ 150 SX 12/85  
 CSG LEAK #6 3725'-4343' W/ 30 SX 6/86  
 CSG LEAK #7 8050'-8112' W/ 200 SX 11/87  
 CSG LEAK #8 7741'-7804' 200 SX 11/87  
 CSG LEAK #9 3807'-4404' W/ 250 SX PT 2000#, BLED TO 1130# 8/93

NOTE: NOT TO SCALE

TBG DETAIL 8/94

226 JTS 2 7/8" 6.5# N-80 8RD TBG 7000'  
 NATIONAL OILWELL CAVITY @ 7033'  
 136 JTS 2 7/8" 6.5# N-80 8RD TBG 4186'  
 MSOT ARROWSET 7" PACKER @ 11211' KB  
 6 JTS 2 7/8" 6.5# N-80 8RD TBG  
 PSN  
 1JT 2 7/8" 6.5# N-80 8RD TBG  
 1 10" PERF SUB 2 7/8" 6.5# N-80 8RD TBG  
 3 JTS 2 7/8" 6.5# N-80 8RD TBG  
 EOT 11543' KB

SIDE STRING:

217 JTS 1.90" IJ 2 7/8" N-80 10RD TB  
 EOT @ 7033.3' KB

GL 6267'  
KB 6296'PLUG #7 100'-SURFACE W/ 50 SX CLASS G  
CONDUCTOR 18" 150 SX 60'

PLUG #6 10 3/4" CICR @ 1000' W/ 10 SX CLASS G

SURFACE 10 3/4" 40.5# K-55 2425 SX 2516'

PLUG #5 2615'-2485' W/ 60 SX CLASS G

PLUG #4 3500'-3400' W/ 20 SX CLASS G

CSG LEAK #6 3725'-4343' W/ 30 SX 6/86

CSG LEAK #9 3807'-4404' W/ 250 SX PT 2000#, BLED TO 1130# 8/93

CSG LEAK #1 3900'-4000' 5/74

CSG LEAK #2 3922'-3932' W/ 400 SX PT 1950 5/80

CSG LEAK #4 3922'-3932' W/ 100 SX 5/80

PLUG #3 6300'-6200' W/ 20 SX CLASS G

CSG LEAK #3 6932'-7085' 400 SX 5/80

GRTN1 7681'

CSG LEAK #8 7741'-7804' 200 SX 11/87

CSG LEAK #5 7872'-7934' W/ 150 SX 12/85

CSG LEAK #7 8050'-8112' W/ 200 SX 11/87

TOC @ 9250' 2/72

PLUG #2 9300'-9200' W/ 20 SX CLASS G

TGR3 10024'

PLUG #1 CICR @ 11380' W/ 50 SX CLASS G, 40 SX INTO &amp; 10 SX ON TOP

PERFS 11433'-11989' 4/94

EOT @ 11543' KB 8/94

TOL	5"	18#	P110	11835'
INTERMEDIATE	7"	26#	S-95	675 SX 12060'

WASATCH 11417'

CIBP @ 12487' 8/93

PERFS 12673'-13892' 5/72

PERFS 13972'-14439' 4/72

PSTD	14478	5/72
LINER	5"	18# P110 300 SX 14497'
TD	14500'	

HOLE SIZE	PIPE SIZE	WEIGHT	GRADE	SET DEPTH
22"	18"			150 SX 60'
15"	10 3/4"	40.5#	K-55	2425 SX 2516'
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PERFORATIONS		
PERFS	13972'-14439'	4/72
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 MSOT ARROWSSET 7" PACKER @ 11211' KB  
 6 JTS 2 7/8" 6.5# N-80 8RD TBG  
 P&N  
 1JT 2 7/8" 6.5# N-80 8RD TBG  
 1 10" PERF SUB 2 7/8" 6.5# N-80 8RD TBG  
 3 JTS 2 7/8" 6.5# N-80 8RD TBG  
 EOT 11543' KB

SIDE STRING:

217 JTS 1.90" IJ 2.76# N-80 10RD TB  
 EOT @ 7033.3' KB



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

***CONDITIONS OF APPROVAL  
TO PLUG AND ABANDON WELL***

Well Name and Number:	Hartman 1-31A3
API Number:	43-013-30093
Operator:	El Paso Production Oil & Gas Company
Reference Document:	Original Sundry Notice dated June 7, 2007, received by DOGM on June 11, 2007

**This approval amends and replaces the approval given on January 15, 2002.**

**Approval Conditions:**

1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.
2. All balanced plugs shall be tagged to ensure the plugs are at the depths specified in the proposal.
3. All annuli shall be cemented from a minimum depth of 100' to the surface.
4. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration. Evidence of compliance with this rule should be supplied to the Division upon completion of reclamation.
5. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.
6. If there are any changes to the plugging procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.
7. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.

Dustin K. Doucet  
Petroleum Engineer

September 13, 2007

Date

9/13/2007

## Wellbore Diagram

r263

API Well No: 43-013-30093-00-00

Permit No:

Well Name/No: HARTMAN 1-31A3

Company Name: EL PASO E&amp;P COMPANY, LP

Location: Sec: 31 T: 1S R: 3W Spot: NENE

Coordinates: X: 562839 Y: 4467393

Field Name: ALTAMONT

County Name: DUCHESNE

## String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)	Capacity (bbl)
HOL1	60	20			
COND	60	18			
HOL2	2522	15			
SURF	2522	10.75	40.5	2522	1.815
HOL3	12064	8.75			
PROD	12060	7	26	12060	4.655
HOL4	14500	6.25			
L1	14497	5	18	2649	
T1	11778	2.875	6.4	11778	
PKR	11764	2.875			
T2	3987	1.5			

## Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
COND	60	0	UK	150
L1	14485			
PROD	12060		UK	675
SURF	2522	0	UK	2425

## Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
12673	14439			
11433	11989	4/20/94		

## Formation Information

Formation	Depth
DUCHR	0
UNTA	3760
GRRV	6002

TD: 14500 TVD:

PBTD:

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET (for state use only)**

**ROUTING**  
**CDW**

**X - Change of Operator (Well Sold)**

**Operator Name Change/Merger**

The operator of the well(s) listed below has changed, effective:

**6/1/2012**

**FROM: (Old Operator):**

N3065- El Paso E&P Company, L.P.  
 1001 Louisiana Street  
 Houston, TX. 77002

Phone: 1 (713) 997-5038

**TO: ( New Operator):**

N3850- EP Energy E&P Company, L.P.  
 1001 Louisiana Street  
 Houston, TX. 77002

Phone: 1 (713) 997-5038

**CA No.**

**Unit:**

**N/A**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List								

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/25/2012
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/25/2012
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/27/2012
- Is the new operator registered in the State of Utah:          Business Number: 2114377-0181
- (R649-9-2) Waste Management Plan has been received on: Yes
- Inspections of LA PA state/fee well sites complete on: N/A
- Reports current for Production/Disposition & Sundries on: 6/25/2012
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM N/A BIA Not Received
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: Second Oper Chg

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 6/29/2012
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 6/29/2012
- Bond information entered in RBDMS on: 6/29/2012
- Fee/State wells attached to bond in RBDMS on: 6/29/2012
- Injection Projects to new operator in RBDMS on: 6/29/2012
- Receipt of Acceptance of Drilling Procedures for APD/New on: N/A

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: 103601420
- Indian well(s) covered by Bond Number: 103601473
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 400JU0705
- The **FORMER** operator has requested a release of liability from their bond on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 6/29/2012

**COMMENTS:**

Disposal and Injections wells will be moved when UIC 5 is received.

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

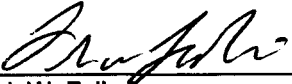
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>Multiple Leases</b>
2. NAME OF OPERATOR: <b>El Paso E&amp;P Company, L.P.</b> Attn: <b>Maria Gomez</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1001 Louisiana CITY <b>Houston</b> STATE <b>TX</b> ZIP <b>77002</b>		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>See Attached</b>		8. WELL NAME and NUMBER: <b>See Attached</b>
PHONE NUMBER: <b>(713) 997-5038</b>		9. API NUMBER:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT: <b>See Attached</b>
STATE: <b>UTAH</b>		

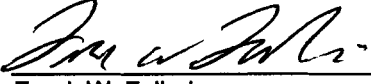
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> (Submit in Duplicate)  Approximate date work will start: _____  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> (Submit Original Form Only)  Date of work completion: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <b>Change of</b>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<b>Name/Operator</b>

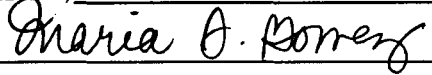
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please be advised that El Paso E&P Company, L.P. (current Operator) has changed names to EP Energy E&P Company, L.P. (new Operator) effective June 1, 2012 and that EP Energy E&P Company, L.P. is considered the new operator of the attached well locations.

EP Energy E&P Company, L.P. is responsible under the terms and conditions of the lease(s) for the operations conducted upon leased lands. Bond coverage is provided by the State of Utah Statewide Blanket Bond No. 400JU0705, Bureau of Land Management Nationwide Bond No. 103601420, and Bureau of Indian Affairs Nationwide Bond No. 103601473.

  
Frank W. Falleri  
Vice President  
El Paso E&P Company, L.P.

  
Frank W. Falleri  
Sr. Vice President  
EP Energy E&P Company, L.P.

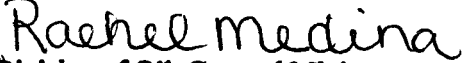
NAME (PLEASE PRINT) <u>Maria S. Gomez</u>	TITLE <u>Principal Regulatory Analyst</u>
SIGNATURE 	DATE <u>6/22/2012</u>

(This space for State use only)

**RECEIVED**

**JUN 25 2012**

DIV. OF OIL, GAS & MINING

**APPROVED** 6/29/2012  
  
Rachel Medina  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician  
Rachel Medina

(See Instructions on Reverse Side)

Well Name	Sec	TWP	RNG	API Number	Entity	Lease Type	Well Type	Well Status	Conf
DWR 3-17C6	17	030S	060W	4301350070		14204621118	OW	APD	C
LAKEWOOD ESTATES 3-33C6	33	030S	060W	4301350127		1420H621328	OW	APD	C
YOUNG 3-15A3	15	010S	030W	4301350122		FEE	OW	APD	C
WHITING 4-1A2	01	010S	020W	4301350424		Fee	OW	APD	C
EL PASO 4-34A4	34	010S	040W	4301350720		Fee	OW	APD	C
YOUNG 2-2B1	02	020S	010W	4304751180		FEE	OW	APD	C
LAKE FORK RANCH 3-10B4	10	020S	040W	4301350712	18221	Fee	OW	DRL	C
LAKE FORK RANCH 4-26B4	26	020S	040W	4301350714	18432	Fee	OW	DRL	C
LAKE FORK RANCH 4-24B4	24	020S	040W	4301350717	18315	Fee	OW	DRL	C
Cook 4-14B3	14	020S	030W	4301351162	18449	Fee	OW	DRL	C
Peterson 4-22C6	22	030S	060W	4301351163	18518	Fee	OW	DRL	C
Lake Fork Ranch 4-14B4	14	020S	040W	4301351240	99999	Fee	OW	DRL	C
Melesco 4-20C6	20	030S	060W	4301351241	99999	Fee	OW	DRL	C
Peck 3-13B5	13	020S	050W	4301351364	99999	Fee	OW	DRL	C
Jensen 2-9C4	09	030S	040W	4301351375	99999	Fee	OW	DRL	C
El Paso 3-5C4	05	030S	040W	4301351376	18563	Fee	OW	DRL	C
ULT 6-31	31	030S	020E	4304740033		FEE	OW	LA	
OBERHANSKY 2-2A1	02	010S	010W	4304740164		FEE	OW	LA	
DWR 3-15C6	15	030S	060W	4301351433		14-20-H62-4724	OW	NEW	C
Lake Fork Ranch 5-23B4	23	020S	040W	4301350739		Fee	OW	NEW	
Duchesne Land 4-10C5	10	030S	050W	4301351262		Fee	OW	NEW	C
Cabinland 4-9B3	09	020S	030W	4301351374		Fee	OW	NEW	C
Layton 4-2B3	02	020S	030W	4301351389		Fee	OW	NEW	C
Golinski 4-24B5	24	020S	050W	4301351404		Fee	OW	NEW	C
Alba 1-21C4	21	030S	040W	4301351460		Fee	OW	NEW	C
Allison 4-19C5	19	030S	050W	4301351466		Fee	OW	NEW	C
Seeley 4-3B3	03	020S	030W	4301351486		Fee	OW	NEW	C
Allen 4-25B5	25	020S	050W	4301351487		Fee	OW	NEW	C
Hewett 2-6C4	06	030S	040W	4301351489		Fee	OW	NEW	C
Young 2-7C4	07	030S	040W	4301351500		Fee	OW	NEW	C
Brighton 3-31A1E	31	010S	010E	4304752471		Fee	OW	NEW	C
Hamaker 3-25A1	25	010S	010W	4304752491		Fee	OW	NEW	C
Bolton 3-29A1E	29	010S	010E	4304752871		Fee	OW	NEW	C
HORROCKS 5-20A1	20	010S	010W	4301334280	17378	FEE	OW	OPS	C
DWR 3-19C6	19	030S	060W	4301334263	17440	14-20-462-1120	OW	P	
DWR 3-22C6	22	030S	060W	4301334106	17298	14-20-462-1131	OW	P	
DWR 3-28C6	28	030S	060W	4301334264	17360	14-20-462-1323	OW	P	
UTE 1-7A2	07	010S	020W	4301330025	5850	14-20-462-811	OW	P	
UTE 2-17C6	17	030S	060W	4301331033	10115	14-20-H62-1118	OW	P	
WLR TRIBAL 2-19C6	19	030S	060W	4301331035	10250	14-20-H62-1120	OW	P	
CEDAR RIM 10-A-15C6	15	030S	060W	4301330615	6420	14-20-H62-1128	OW	P	
CEDAR RIM 12A	28	030S	060W	4301331173	10672	14-20-H62-1323	OW	P	
UTE-FEE 2-33C6	33	030S	060W	4301331123	10365	14-20-H62-1328	OW	P	
TAYLOR 3-34C6	34	030S	060W	4301350200	17572	1420H621329	OW	P	
BAKER UTE 2-34C6	34	030S	060W	4301332634	14590	14-20-H62-1329	OW	P	
UTE 3-35Z2 K	35	010N	020W	4301331133	10483	14-20-H62-1614	OW	P	
UTE 1-32Z2	32	010N	020W	4301330379	1915	14-20-H62-1702	OW	P	
UTE TRIBAL 1-33Z2	33	010N	020W	4301330334	1851	14-20-H62-1703	OW	P	
UTE 2-33Z2	33	010N	020W	4301331111	10451	14-20-H62-1703	OW	P	
UTE TRIBAL 2-34Z2	34	010N	020W	4301331167	10668	14-20-H62-1704	OW	P	
LAKE FORK RANCH 3-13B4	13	020S	040W	4301334262	17439	14-20-H62-1743	OW	P	
UTE 1-28B4	28	020S	040W	4301330242	1796	14-20-H62-1745	OW	P	
UTE 1-34A4	34	010S	040W	4301330076	1585	14-20-H62-1774	OW	P	
UTE 1-36A4	36	010S	040W	4301330069	1580	14-20-H62-1793	OW	P	
UTE 1-1B4	01	020S	040W	4301330129	1700	14-20-H62-1798	OW	P	
UTE 1-31A2	31	010S	020W	4301330401	1925	14-20-H62-1801	OW	P	



UTE 1-25A3	25	010S	030W	4301330370	1920	14-20-H62-1802	OW	P	
UTE 2-25A3	25	010S	030W	4301331343	11361	14-20-H62-1802	OW	P	
UTE 1-26A3	26	010S	030W	4301330348	1890	14-20-H62-1803	OW	P	
UTE 2-26A3	26	010S	030W	4301331340	11349	14-20-H62-1803	OW	P	
UTE TRIBAL 4-35A3	35	010S	030W	4301350274	18009	1420H621804	OW	P	C
UTE 2-35A3	35	010S	030W	4301331292	11222	14-20-H62-1804	OW	P	
UTE 3-35A3	35	010S	030W	4301331365	11454	14-20-H62-1804	OW	P	
UTE 1-6B2	06	020S	020W	4301330349	1895	14-20-H62-1807	OW	P	
UTE 2-6B2	06	020S	020W	4301331140	11190	14-20-H62-1807	OW	P	
UTE TRIBAL 3-6B2	06	020S	020W	4301350273	18008	14-20-H62-1807	OW	P	C
POWELL 4-19A1	19	010S	010W	4301330071	8302	14-20-H62-1847	OW	P	
COLTHARP 1-27Z1	27	010N	010W	4301330151	4700	14-20-H62-1933	OW	P	
UTE 1-8A1E	08	010S	010E	4304730173	1846	14-20-H62-2147	OW	P	
UTE TRIBE 1-31	31	010N	020W	4301330278	4755	14-20-H62-2421	OW	P	
UTE 1-28B6X	28	020S	060W	4301330510	11165	14-20-H62-2492	OW	P	
RINKER 2-21B5	21	020S	050W	4301334166	17299	14-20-H62-2508	OW	P	
MURDOCK 2-34B5	34	020S	050W	4301331132	10456	14-20-H62-2511	OW	P	
UTE 1-35B6	35	020S	060W	4301330507	2335	14-20-H62-2531	OW	P	
UTE TRIBAL 1-17A1E	17	010S	010E	4304730829	860	14-20-H62-2658	OW	P	
UTE 2-17A1E	17	010S	010E	4304737831	16709	14-20-H62-2658	OW	P	
UTE TRIBAL 1-27A1E	27	010S	010E	4304730421	800	14-20-H62-2662	OW	P	
UTE TRIBAL 1-35A1E	35	010S	010E	4304730286	795	14-20-H62-2665	OW	P	
UTE TRIBAL 1-15A1E	15	010S	010E	4304730820	850	14-20-H62-2717	OW	P	
UTE TRIBAL P-3B1E	03	020S	010E	4304730190	4536	14-20-H62-2873	OW	P	
UTE TRIBAL 1-22A1E	22	010S	010E	4304730429	810	14-20-H62-3103	OW	P	
B H UTE 1-35C6	35	030S	060W	4301330419	10705	14-20-H62-3436	OW	P	
BH UTE 2-35C6	35	030S	060W	4301332790	15802	14-20-H62-3436	OW	P	
MCFARLANE 1-4D6	04	040S	060W	4301331074	10325	14-20-H62-3452	OW	P	
UTE TRIBAL 1-11D6	11	040S	060W	4301330482	6415	14-20-H62-3454	OW	P	
CARSON 2-36A1	36	010S	010W	4304731407	737	14-20-H62-3806	OW	P	
UTE 2-14C6	14	030S	060W	4301330775	9133	14-20-H62-3809	OW	P	
DWR 3-14C6	14	030S	060W	4301334003	17092	14-20-H62-3809	OW	P	
THE PERFECT "10" 1-10A1	10	010S	010W	4301330935	9461	14-20-H62-3855	OW	P	
BADGER-SAM H U MONGUS 1-15A1	15	010S	010W	4301330949	9462	14-20-H62-3860	OW	P	
MAXIMILLIAN-UTE 14-1	14	010S	030W	4301330726	8437	14-20-H62-3868	OW	P	
FRED BASSETT 1-22A1	22	010S	010W	4301330781	9460	14-20-H62-3880	OW	P	
UTE TRIBAL 1-30Z1	30	010N	010W	4301330813	9405	14-20-H62-3910	OW	P	
UTE LB 1-13A3	13	010S	030W	4301330894	9402	14-20-H62-3980	OW	P	
UTE 2-22B6	22	020S	060W	4301331444	11641	14-20-H62-4614	OW	P	
UINTA OURAY 1-1A3	01	010S	030W	4301330132	5540	14-20-H62-4664	OW	P	
UTE 1-6D6	06	040S	060W	4301331696	12058	14-20-H62-4752	OW	P	
UTE 2-11D6	11	040S	060W	4301350179	17667	1420H624801	OW	P	
UTE 1-15D6	15	040S	060W	4301330429	10958	14-20-H62-4824	OW	P	
UTE 2-15D6	15	040S	060W	4301334026	17193	14-20-H62-4824	OW	P	
HILL 3-24C6	24	030S	060W	4301350293	18020	1420H624866	OW	P	C
BARCLAY UTE 2-24C6R	24	030S	060W	4301333730	16385	14-20-H62-4866	OW	P	
BROTHERSON 1-2B4	02	020S	040W	4301330062	1570	FEE	OW	P	
BOREN 1-24A2	24	010S	020W	4301330084	5740	FEE	OW	P	
FARNSWORTH 1-13B5	13	020S	050W	4301330092	1610	FEE	OW	P	
BROADHEAD 1-21B6	21	020S	060W	4301330100	1595	FEE	OW	P	
ASAY E J 1-20A1	20	010S	010W	4301330102	8304	FEE	OW	P	
HANSON TRUST 1-5B3	05	020S	030W	4301330109	1635	FEE	OW	P	
ELLSWORTH 1-8B4	08	020S	040W	4301330112	1655	FEE	OW	P	
ELLSWORTH 1-9B4	09	020S	040W	4301330118	1660	FEE	OW	P	
ELLSWORTH 1-17B4	17	020S	040W	4301330126	1695	FEE	OW	P	
CHANDLER 1-5B4	05	020S	040W	4301330140	1685	FEE	OW	P	
HANSON 1-32A3	32	010S	030W	4301330141	1640	FEE	OW	P	
JESSEN 1-17A4	17	010S	040W	4301330173	4725	FEE	OW	P	

JENKINS 1-1B3	01	020S	030W	4301330175	1790	FEE	OW	P	
GOODRICH 1-2B3	02	020S	030W	4301330182	1765	FEE	OW	P	
ELLSWORTH 1-19B4	19	020S	040W	4301330183	1760	FEE	OW	P	
DOYLE 1-10B3	10	020S	030W	4301330187	1810	FEE	OW	P	
JOS. SMITH 1-17C5	17	030S	050W	4301330188	5510	FEE	OW	P	
RUDY 1-11B3	11	020S	030W	4301330204	1820	FEE	OW	P	
CROOK 1-6B4	06	020S	040W	4301330213	1825	FEE	OW	P	
HUNT 1-21B4	21	020S	040W	4301330214	1840	FEE	OW	P	
LAWRENCE 1-30B4	30	020S	040W	4301330220	1845	FEE	OW	P	
YOUNG 1-29B4	29	020S	040W	4301330246	1791	FEE	OW	P	
GRIFFITHS 1-33B4	33	020S	040W	4301330288	4760	FEE	OW	P	
POTTER 1-2B5	02	020S	050W	4301330293	1826	FEE	OW	P	
BROTHERSON 1-26B4	26	020S	040W	4301330336	1856	FEE	OW	P	
SADIE BLANK 1-33Z1	33	010N	010W	4301330355	765	FEE	OW	P	
POTTER 1-24B5	24	020S	050W	4301330356	1730	FEE	OW	P	
WHITEHEAD 1-22A3	22	010S	030W	4301330357	1885	FEE	OW	P	
CHASEL MILLER 2-1A2	01	010S	020W	4301330360	5830	FEE	OW	P	
ELDER 1-13B2	13	020S	020W	4301330366	1905	FEE	OW	P	
BROTHERSON 2-10B4	10	020S	040W	4301330443	1615	FEE	OW	P	
FARNSWORTH 2-7B4	07	020S	040W	4301330470	1935	FEE	OW	P	
TEW 1-15A3	15	010S	030W	4301330529	1945	FEE	OW	P	
UTE FEE 2-20C5	20	030S	050W	4301330550	4527	FEE	OW	P	
HOUSTON 1-34Z1	34	010N	010W	4301330566	885	FEE	OW	P	
GALLOWAY 1-18B1	18	020S	010W	4301330575	2365	FEE	OW	P	
SMITH 1-31B5	31	020S	050W	4301330577	1955	FEE	OW	P	
LEBEAU 1-34A1	34	010S	010W	4301330590	1440	FEE	OW	P	
LINMAR 1-19B2	19	020S	020W	4301330600	9350	FEE	OW	P	
WISSE 1-28Z1	28	010N	010W	4301330609	905	FEE	OW	P	
POWELL 1-21B1	21	020S	010W	4301330621	910	FEE	OW	P	
HANSEN 1-24B3	24	020S	030W	4301330629	2390	FEE	OW	P	
OMAN 2-4B4	04	020S	040W	4301330645	9125	FEE	OW	P	
DYE 1-25Z2	25	010N	020W	4301330659	9111	FEE	OW	P	
H MARTIN 1-21Z1	21	010N	010W	4301330707	925	FEE	OW	P	
JENSEN 1-29Z1	29	010N	010W	4301330725	9110	FEE	OW	P	
CHASEL 2-17A1 V	17	010S	010W	4301330732	9112	FEE	OW	P	
BIRCHELL 1-27A1	27	010S	010W	4301330758	940	FEE	OW	P	
CHRISTENSEN 2-8B3	08	020S	030W	4301330780	9355	FEE	OW	P	
LAMICQ 2-5B2	05	020S	020W	4301330784	2302	FEE	OW	P	
BROTHERSON 2-14B4	14	020S	040W	4301330815	10450	FEE	OW	P	
MURRAY 3-2A2	02	010S	020W	4301330816	9620	FEE	OW	P	
HORROCKS 2-20A1 V	20	010S	010W	4301330833	8301	FEE	OW	P	
BROTHERSON 2-2B4	02	020S	040W	4301330855	8420	FEE	OW	P	
ELLSWORTH 2-8B4	08	020S	040W	4301330898	2418	FEE	OW	P	
OMAN 2-32A4	32	010S	040W	4301330904	10045	FEE	OW	P	
BELCHER 2-33B4	33	020S	040W	4301330907	9865	FEE	OW	P	
BROTHERSON 2-35B5	35	020S	050W	4301330908	9404	FEE	OW	P	
HORROCKS 2-4A1 T	04	010S	010W	4301330954	9855	FEE	OW	P	
JENSEN 2-29A5	29	010S	050W	4301330974	10040	FEE	OW	P	
UTE 2-34A4	34	010S	040W	4301330978	10070	FEE	OW	P	
CHANDLER 2-5B4	05	020S	040W	4301331000	10075	FEE	OW	P	
BABCOCK 2-12B4	12	020S	040W	4301331005	10215	FEE	OW	P	
BADGER MR BOOM BOOM 2-29A1	29	010S	010W	4301331013	9463	FEE	OW	P	
BLEAZARD 2-18B4	18	020S	040W	4301331025	1566	FEE	OW	P	
BROADHEAD 2-32B5	32	020S	050W	4301331036	10216	FEE	OW	P	
ELLSWORTH 2-16B4	16	020S	040W	4301331046	10217	FEE	OW	P	
RUST 3-4B3	04	020S	030W	4301331070	1576	FEE	OW	P	
HANSON TRUST 2-32A3	32	010S	030W	4301331072	1641	FEE	OW	P	
BROTHERSON 2-11B4	11	020S	040W	4301331078	1541	FEE	OW	P	

HANSON TRUST 2-5B3	05	020S	030W	4301331079	1636	FEE	OW	P	
BROTHERSON 2-15B4	15	020S	040W	4301331103	1771	FEE	OW	P	
MONSEN 2-27A3	27	010S	030W	4301331104	1746	FEE	OW	P	
ELLSWORTH 2-19B4	19	020S	040W	4301331105	1761	FEE	OW	P	
HUNT 2-21B4	21	020S	040W	4301331114	1839	FEE	OW	P	
JENKINS 2-1B3	01	020S	030W	4301331117	1792	FEE	OW	P	
POTTER 2-24B5	24	020S	050W	4301331118	1731	FEE	OW	P	
POWELL 2-13A2 K	13	010S	020W	4301331120	8306	FEE	OW	P	
JENKINS 2-12B3	12	020S	030W	4301331121	10459	FEE	OW	P	
MURDOCK 2-26B5	26	020S	050W	4301331124	1531	FEE	OW	P	
BIRCH 3-27B5	27	020S	050W	4301331126	1783	FEE	OW	P	
ROBB 2-29B5	29	020S	050W	4301331130	10454	FEE	OW	P	
LAKE FORK 2-13B4	13	020S	040W	4301331134	10452	FEE	OW	P	
DUNCAN 3-1A2 K	01	010S	020W	4301331135	10484	FEE	OW	P	
HANSON 2-9B3	09	020S	030W	4301331136	10455	FEE	OW	P	
ELLSWORTH 2-9B4	09	020S	040W	4301331138	10460	FEE	OW	P	
UTE 2-31A2	31	010S	020W	4301331139	10458	FEE	OW	P	
POWELL 2-19A1 K	19	010S	010W	4301331149	8303	FEE	OW	P	
CEDAR RIM 8-A	22	030S	060W	4301331171	10666	FEE	OW	P	
POTTER 2-6B4	06	020S	040W	4301331249	11038	FEE	OW	P	
MILES 2-1B5	01	020S	050W	4301331257	11062	FEE	OW	P	
MILES 2-3B3	03	020S	030W	4301331261	11102	FEE	OW	P	
MONSEN 2-22A3	22	010S	030W	4301331265	11098	FEE	OW	P	
WRIGHT 2-13B5	13	020S	050W	4301331267	11115	FEE	OW	P	
TODD 2-21A3	21	010S	030W	4301331296	11268	FEE	OW	P	
WEIKART 2-29B4	29	020S	040W	4301331298	11332	FEE	OW	P	
YOUNG 2-15A3	15	010S	030W	4301331301	11344	FEE	OW	P	
CHRISTENSEN 2-29A4	29	010S	040W	4301331303	11235	FEE	OW	P	
BLEAZARD 2-28B4	28	020S	040W	4301331304	11433	FEE	OW	P	
REARY 2-17A3	17	010S	030W	4301331318	11251	FEE	OW	P	
LAZY K 2-11B3	11	020S	030W	4301331352	11362	FEE	OW	P	
LAZY K 2-14B3	14	020S	030W	4301331354	11452	FEE	OW	P	
MATTHEWS 2-13B2	13	020S	020W	4301331357	11374	FEE	OW	P	
LAKE FORK 3-15B4	15	020S	040W	4301331358	11378	FEE	OW	P	
STEVENSON 3-29A3	29	010S	030W	4301331376	11442	FEE	OW	P	
MEEKS 3-8B3	08	020S	030W	4301331377	11489	FEE	OW	P	
ELLSWORTH 3-20B4	20	020S	040W	4301331389	11488	FEE	OW	P	
DUNCAN 5-13A2	13	010S	020W	4301331516	11776	FEE	OW	P	
OWL 3-17C5	17	030S	050W	4301332112	12476	FEE	OW	P	
BROTHERSON 2-24 B4	24	020S	040W	4301332695	14652	FEE	OW	P	
BODRERO 2-15B3	15	020S	030W	4301332755	14750	FEE	OW	P	
BROTHERSON 2-25B4	25	020S	040W	4301332791	15044	FEE	OW	P	
CABINLAND 2-16B3	16	020S	030W	4301332914	15236	FEE	OW	P	
KATHERINE 3-29B4	29	020S	040W	4301332923	15331	FEE	OW	P	
SHRINERS 2-10C5	10	030S	050W	4301333008	15908	FEE	OW	P	
BROTHERSON 2-26B4	26	020S	040W	4301333139	17047	FEE	OW	P	
MORTENSEN 4-32A2	32	010S	020W	4301333211	15720	FEE	OW	P	
FERRARINI 3-27B4	27	020S	040W	4301333265	15883	FEE	OW	P	
RHOADES 2-25B5	25	020S	050W	4301333467	16046	FEE	OW	P	
CASE 2-31B4	31	020S	040W	4301333548	16225	FEE	OW	P	
ANDERSON-ROWLEY 2-24B3	24	020S	030W	4301333616	16284	FEE	OW	P	
SPROUSE BOWDEN 2-18B1	18	020S	010W	4301333808	16677	FEE	OW	P	
BROTHERSON 3-11B4	11	020S	040W	4301333904	16891	FEE	OW	P	
KOFFORD 2-36B5	36	020S	050W	4301333988	17048	FEE	OW	P	
ALLEN 3-7B4	07	020S	040W	4301334027	17166	FEE	OW	P	
BOURNAKIS 3-18B4	18	020S	040W	4301334091	17264	FEE	OW	P	
MILES 3-12B5	12	020S	050W	4301334110	17316	FEE	OW	P	
OWL and HAWK 2-31B5	31	020S	050W	4301334123	17388	FEE	OW	P	

OWL and HAWK 4-17C5	17	030S	050W	4301334193	17387	FEE	OW	P	
DWR 3-32B5	32	020S	050W	4301334207	17371	FEE	OW	P	
LAKE FORK RANCH 3-22B4	22	020S	040W	4301334261	17409	FEE	OW	P	
HANSON 3-9B3	09	020S	030W	4301350065	17570	FEE	OW	P	
DYE 2-28A1	28	010S	010W	4301350066	17531	FEE	OW	P	
MEEKS 3-32A4	32	010S	040W	4301350069	17605	FEE	OW	P	
HANSON 4-8B3	08	020S	030W	4301350088	17571	FEE	OW	P	C
LAKE FORK RANCH 3-14B4	14	020S	040W	4301350097	17484	FEE	OW	P	
ALLEN 3-9B4	09	020S	040W	4301350123	17656	FEE	OW	P	
HORROCKS 4-20A1	20	010S	010W	4301350155	17916	FEE	OW	P	
HURLEY 2-33A1	33	010S	010W	4301350166	17573	FEE	OW	P	
HUTCHINS/CHIODO 3-20C5	20	030S	050W	4301350190	17541	FEE	OW	P	
ALLEN 3-8B4	08	020S	040W	4301350192	17622	FEE	OW	P	
OWL and HAWK 3-10C5	10	030S	050W	4301350193	17532	FEE	OW	P	
OWL and HAWK 3-19C5	19	030S	050W	4301350201	17508	FEE	OW	P	
EL PASO 4-29B5	29	020S	050W	4301350208	17934	FEE	OW	P	C
DONIHUE 3-20C6	20	030S	060W	4301350270	17762	FEE	OW	P	
HANSON 3-5B3	05	020S	030W	4301350275	17725	FEE	OW	P	C
SPRATT 3-26B5	26	020S	050W	4301350302	17668	FEE	OW	P	
REBEL 3-35B5	35	020S	050W	4301350388	17911	FEE	OW	P	C
FREEMAN 4-16B4	16	020S	040W	4301350438	17935	Fee	OW	P	C
WILSON 3-36B5	36	020S	050W	4301350439	17936	Fee	OW	P	C
EL PASO 3-21B4	21	020S	040W	4301350474	18123	Fee	OW	P	C
IORG 4-12B3	12	020S	030W	4301350487	17981	Fee	OW	P	C
CONOVER 3-3B3	03	020S	030W	4301350526	18122	Fee	OW	P	C
ROWLEY 3-16B4	16	020S	040W	4301350569	18151	Fee	OW	P	C
POTTS 3-14B3	14	020S	030W	4301350570	18366	Fee	OW	P	C
POTTER 4-27B5	27	020S	050W	4301350571	99999	Fee	OW	P	C
EL PASO 4-21B4	21	020S	040W	4301350572	18152	Fee	OW	P	C
LAKE FORK RANCH 3-26B4	26	020S	040W	4301350707	18270	Fee	OW	P	C
LAKE FORK RANCH 3-25B4	25	020S	040W	4301350711	18220	Fee	OW	P	C
LAKE FORK RANCH 4-23B4	23	020S	040W	4301350713	18271	Fee	OW	P	C
LAKE FORK RANCH 4-15B4	15	020S	040W	4301350715	18314	Fee	OW	P	C
LAKE FORK RANCH 3-24B4	24	020S	040W	4301350716	18269	Fee	OW	P	C
GOLINSKI 1-8C4	08	030S	040W	4301350986	18301	Fee	OW	P	C
J ROBERTSON 1-1B1	01	020S	010W	4304730174	5370	FEE	OW	P	
TIMOTHY 1-8B1E	08	020S	010E	4304730215	1910	FEE	OW	P	
MAGDALENE PAPADOPULOS 1-34A1E	34	010S	010E	4304730241	785	FEE	OW	P	
NELSON 1-31A1E	31	010S	010E	4304730671	830	FEE	OW	P	
ROSEMARY LLOYD 1-24A1E	24	010S	010E	4304730707	840	FEE	OW	P	
H D LANDY 1-30A1E	30	010S	010E	4304730790	845	FEE	OW	P	
WALKER 1-14A1E	14	010S	010E	4304730805	855	FEE	OW	P	
BOLTON 2-29A1E	29	010S	010E	4304731112	900	FEE	OW	P	
PRESCOTT 1-35Z1	35	010N	010W	4304731173	1425	FEE	OW	P	
BISEL GURR 11-1	11	010S	010W	4304731213	8438	FEE	OW	P	
UTE TRIBAL 2-22A1E	22	010S	010E	4304731265	915	FEE	OW	P	
L. BOLTON 1-12A1	12	010S	010W	4304731295	920	FEE	OW	P	
FOWLES 1-26A1	26	010S	010W	4304731296	930	FEE	OW	P	
BRADLEY 23-1	23	010S	010W	4304731297	8435	FEE	OW	P	
BASTIAN 1-2A1	02	010S	010W	4304731373	736	FEE	OW	P	
D R LONG 2-19A1E	19	010S	010E	4304731470	9505	FEE	OW	P	
D MOON 1-23Z1	23	010N	010W	4304731479	10310	FEE	OW	P	
O MOON 2-26Z1	26	010N	010W	4304731480	10135	FEE	OW	P	
LILA D 2-25A1	25	010S	010W	4304731797	10790	FEE	OW	P	
LANDY 2-30A1E	30	010S	010E	4304731895	11127	FEE	OW	P	
WINN P2-3B1E	03	020S	010E	4304732321	11428	FEE	OW	P	
BISEL-GURR 2-11A1	11	010S	010W	4304735410	14428	FEE	OW	P	
FLYING J FEE 2-12A1	12	010S	010W	4304739467	16686	FEE	OW	P	

HARVEST FELLOWSHIP CHURCH 2-14B1	14	020S	010W	4304739591	16546	FEE	OW	P	
OBERHANSKY 3-11A1	11	010S	010W	4304739679	17937	FEE	OW	P	
DUNCAN 2-34A1	34	010S	010W	4304739944	17043	FEE	OW	P	
BISEL GURR 4-11A1	11	010S	010W	4304739961	16791	FEE	OW	P	
KILLIAN 3-12A1	12	010S	010W	4304740226	17761	ML 39760	OW	P	
WAINOCO ST 1-14B1	14	020S	010W	4304730818	1420	ML-24306-A	OW	P	
UTAH ST UTE 1-35A1	35	010S	010W	4304730182	5520	ML-25432	OW	P	
STATE 1-19A4	19	010S	040W	4301330322	9118	ML-27912	OW	P	
FEDERAL 2-28E19E	28	050S	190E	4304732849	12117	UTU-0143512	OW	P	
FEDERAL 1-28E19E	28	050S	190E	4304730175	5680	UTU143512	OW	P	
BLANCHARD 1-3A2	03	010S	020W	4301320316	5877	FEE	OW	PA	
W H BLANCHARD 2-3A2	03	010S	020W	4301330008	5775	FEE	OW	PA	
YACK U 1-7A1	07	010S	010W	4301330018	5795	FEE	OW	PA	
JAMES POWELL 3	13	010S	020W	4301330024	8305	FEE	WD	PA	
BASTIAN 1 (3-7D)	07	010S	010W	4301330026	5800	FEE	OW	PA	
LAMICQ-URRUTY 1-8A2	08	010S	020W	4301330036	5975	FEE	OW	PA	
BLEAZARD 1-18B4	18	020S	040W	4301330059	11262	FEE	OW	PA	
OLSEN 1-27A4	27	010S	040W	4301330064	1565	FEE	OW	PA	
EVANS 1-31A4	31	010S	040W	4301330067	5330	FEE	OW	PA	
HAMBLIN 1-26A2	26	010S	020W	4301330083	2305	FEE	OW	PA	
HARTMAN 1-31A3	31	010S	030W	4301330093	10700	FEE	OW	PA	
FARNSWORTH 1-7B4	07	020S	040W	4301330097	5725	FEE	OW	PA	
POWELL 1-33A3	33	010S	030W	4301330105	4526	FEE	OW	PA	
LOTRIDGE GATES 1-3B3	03	020S	030W	4301330117	1625	FEE	OW	PA	
REMINGTON 1-34A3	34	010S	030W	4301330139	1670	FEE	OW	PA	
ANDERSON 1-28A2	28	010S	020W	4301330150	5895	FEE	OW	PA	
RHOADES MOON 1-35B5	35	020S	050W	4301330155	5270	FEE	OW	PA	
JOHN 1-3B2	03	020S	020W	4301330160	5765	FEE	OW	PA	
SMITH 1-6C5	06	030S	050W	4301330163	5385	FEE	OW	PA	
HORROCKS FEE 1-3A1	03	010S	010W	4301330171	5505	FEE	OW	PA	
WARREN 1-32A4	32	010S	040W	4301330174	9139	FEE	OW	PA	
JENSEN FENZEL 1-20C5	20	030S	050W	4301330177	4730	FEE	OW	PA	
MYRIN RANCH 1-13B4	13	020S	040W	4301330180	4524	FEE	OW	PA	
BROTHERSON 1-27B4	27	020S	040W	4301330185	1775	FEE	OW	PA	
JENSEN 1-31A5	31	010S	050W	4301330186	4735	FEE	OW	PA	
ROBERTSON 1-29A2	29	010S	020W	4301330189	4740	FEE	OW	PA	
WINKLER 1-28A3	28	010S	030W	4301330191	5465	FEE	OW	PA	
CHENEY 1-33A2	33	010S	020W	4301330202	1750	FEE	OW	PA	
J LAMICQ STATE 1-6B1	06	020S	010W	4301330210	5730	FEE	OW	PA	
REESE ESTATE 1-10B2	10	020S	020W	4301330215	5700	FEE	OW	PA	
REEDER 1-17B5	17	020S	050W	4301330218	5460	FEE	OW	PA	
ROBERTSON UTE 1-2B2	02	020S	020W	4301330225	1710	FEE	OW	PA	
HATCH 1-5B1	05	020S	010W	4301330226	5470	FEE	OW	PA	
BROTHERSON 1-22B4	22	020S	040W	4301330227	5935	FEE	OW	PA	
ALLRED 1-16A3	16	010S	030W	4301330232	1780	FEE	OW	PA	
BIRCH 1-35A5	35	010S	050W	4301330233	9116	FEE	OW	PA	
MARQUERITE UTE 1-8B2	08	020S	020W	4301330235	9122	FEE	OW	PA	
BUZZI 1-11B2	11	020S	020W	4301330248	6335	FEE	OW	PA	
SHISLER 1-3B1	03	020S	010W	4301330249	5960	FEE	OW	PA	
TEW 1-1B5	01	020S	050W	4301330264	5580	FEE	OW	PA	
EVANS UTE 1-19B3	19	020S	030W	4301330265	1870	FEE	OW	PA	
SHELL 2-27A4	27	010S	040W	4301330266	1776	FEE	WD	PA	
DYE 1-29A1	29	010S	010W	4301330271	99990	FEE	OW	PA	
VODA UTE 1-4C5	04	030S	050W	4301330283	4530	FEE	OW	PA	
BROTHERSON 1-28A4	28	010S	040W	4301330292	9114	FEE	OW	PA	
MEAGHER 1-4B2	04	020S	020W	4301330313	8402	FEE	OW	PA	
NORLING 1-9B1	09	020S	010W	4301330315	1811	FEE	OW	PA	
S. BROADHEAD 1-9C5	09	030S	050W	4301330316	5940	FEE	OW	PA	

TIMOTHY 1-09A3	09	010S	030W	4301330321	10883	FEE	OW	PA
BARRETT 1-34A5	34	010S	050W	4301330323	9115	FEE	OW	PA
MEAGHER TRIBAL 1-9B2	09	020S	020W	4301330325	9121	FEE	OW	PA
PHILLIPS UTE 1-3C5	03	030S	050W	4301330333	1816	FEE	OW	PA
ELLSWORTH 1-20B4	20	020S	040W	4301330351	6375	FEE	OW	PA
LAWSON 1-28A1	28	010S	010W	4301330358	5915	FEE	OW	PA
AMES 1-23A4	23	010S	040W	4301330375	1901	FEE	OW	PA
HORROCKS 1-6A1	06	010S	010W	4301330390	5675	FEE	OW	PA
SHRINE HOSPITAL 1-10C5	10	030S	050W	4301330393	5565	FEE	OW	PA
GOODRICH 1-18B2	18	020S	020W	4301330397	5485	FEE	OW	PA
SWD POWELL 3	13	010S	020W	4301330478	10708	FEE	WD	PA
BODRERO 1-15B3	15	020S	030W	4301330565	4534	FEE	OW	PA
MOON TRIBAL 1-30C4	30	030S	040W	4301330576	2360	FEE	OW	PA
DUNCAN 2-9B5	09	020S	050W	4301330719	5440	FEE	OW	PA
FISHER 1-16A4	16	010S	040W	4301330737	2410	FEE	OW	PA
URRUTY 2-34A2	34	010S	020W	4301330753	9117	FEE	OW	PA
GOODRICH 1-24A4	24	010S	040W	4301330760	2415	FEE	OW	PA
CARL SMITH 2-25A4	25	010S	040W	4301330776	9136	FEE	OW	PA
ANDERSON 1-A30B1	30	020S	010W	4301330783	9137	FEE	OW	PA
CADILLAC 3-6A1	06	010S	010W	4301330834	6316	FEE	OW	PA
MCELPRANG 2-31A1	31	010S	010W	4301330836	8439	FEE	OW	PA
REESE ESTATE 2-10B2	10	020S	020W	4301330837	2417	FEE	OW	PA
CLARK 2-9A3	09	010S	030W	4301330876	2416	FEE	OW	PA
JENKINS 3-16A3	16	010S	030W	4301330877	9790	FEE	OW	PA
CHRISTENSEN 2-26A5	26	010S	050W	4301330905	10710	FEE	OW	PA
FORD 2-36A5	36	010S	050W	4301330911	9630	FEE	OW	PA
MORTENSEN 2-32A2	32	010S	020W	4301330929	9486	FEE	OW	PA
WILKERSON 1-20Z1	20	010N	010W	4301330942	5452	FEE	OW	PA
UTE TRIBAL 2-4A3 S	04	010S	030W	4301330950	10230	FEE	OW	PA
OBERHANSKY 2-31Z1	31	010N	010W	4301330970	9262	FEE	OW	PA
MORRIS 2-7A3	07	010S	030W	4301330977	9725	FEE	OW	PA
POWELL 2-08A3	08	010S	030W	4301330979	10175	FEE	OW	PA
FISHER 2-6A3	06	010S	030W	4301330984	10110	FEE	OW	PA
JACOBSEN 2-12A4	12	010S	040W	4301330985	10480	FEE	OW	PA
CHENEY 2-33A2	33	010S	020W	4301331042	10313	FEE	OW	PA
HANSON TRUST 2-29A3	29	010S	030W	4301331043	5306	FEE	OW	PA
BURTON 2-15B5	15	020S	050W	4301331044	10205	FEE	OW	PA
EVANS-UTE 2-17B3	17	020S	030W	4301331056	10210	FEE	OW	PA
ELLSWORTH 2-20B4	20	020S	040W	4301331090	5336	FEE	OW	PA
REMINGTON 2-34A3	34	010S	030W	4301331091	1902	FEE	OW	PA
WINKLER 2-28A3	28	010S	030W	4301331109	4519	FEE	OW	PA
TEW 2-10B5	10	020S	050W	4301331125	1751	FEE	OW	PA
LINDSAY 2-33A4	33	010S	040W	4301331141	1756	FEE	OW	PA
FIELDSTED 2-28A4	28	010S	040W	4301331293	10665	FEE	OW	PA
POWELL 4-13A2	13	010S	020W	4301331336	11177	FEE	GW	PA
DUMP 2-20A3	20	010S	030W	4301331505	11691	FEE	OW	PA
SMITH 2X-23C7	23	030S	070W	4301331634	12382	FEE	D	PA
MORTENSEN 3-32A2	32	010S	020W	4301331872	11928	FEE	OW	PA
TODD USA ST 1-2B1	02	020S	010W	4304730167	99998	FEE	OW	PA
STATE 1-7B1E	07	020S	010E	4304730180	5555	FEE	OW	PA
BACON 1-10B1E	10	020S	010E	4304730881	5550	FEE	OW	PA
PARIETTE DRAW 28-44	28	040S	010E	4304731408	4537	FEE	OW	PA
REYNOLDS 2-7B1E	07	020S	010E	4304731840	4960	FEE	OW	PA
STATE 2-35A2	35	010S	020W	4301330156	4715	ML-22874	OW	PA
UTAH STATE L B 1-11B1	11	020S	010W	4304730171	5530	ML-23655	OW	PA
STATE 1-8A3	08	010S	030W	4301330286	5655	ML-24316	OW	PA
UTAH FEDERAL 1-24B1	24	020S	010W	4304730220	590	ML-26079	OW	PA
CEDAR RIM 15	34	030S	060W	4301330383	6395	14-20-462-1329	OW	S



UTE TRIBAL 2-24C7	24	030S	070W	4301331028	10240	14-20-H62-1135	OW	S	
CEDAR RIM 12	28	030S	060W	4301330344	6370	14-20-H62-1323	OW	S	
CEDAR RIM 16	33	030S	060W	4301330363	6390	14-20-H62-1328	OW	S	
SPRING HOLLOW 2-34Z3	34	010N	030W	4301330234	5255	14-20-H62-1480	OW	S	
EVANS UTE 1-17B3	17	020S	030W	4301330274	5335	14-20-H62-1733	OW	S	
UTE JENKS 2-1-B4 G	01	020S	040W	4301331197	10844	14-20-H62-1782	OW	S	
UTE 3-12B3	12	020S	030W	4301331379	11490	14-20-H62-1810	OW	S	
UTE TRIBAL 9-4B1	04	020S	010W	4301330194	5715	14-20-H62-1969	OW	S	
UTE TRIBAL 2-21B6	21	020S	060W	4301331424	11615	14-20-H62-2489	OW	S	
UTE 1-33B6	33	020S	060W	4301330441	1230	14-20-H62-2493	OW	S	
UTE 2-22B5	22	020S	050W	4301331122	10453	14-20-H62-2509	OW	S	
UTE 1-18B1E	18	020S	010E	4304730969	9135	14-20-H62-2864	OW	S	
LAUREN UTE 1-23A3	23	010S	030W	4301330895	9403	14-20-H62-3981	OW	S	
UTE 2-28B6	28	020S	060W	4301331434	11624	14-20-H62-4622	OW	S	
UTE 1-27B6X	27	020S	060W	4301330517	11166	14-20-H62-4631	OW	S	
UTE 2-27B6	27	020S	060W	4301331449	11660	14-20-H62-4631	OW	S	
CEDAR RIM 10-15C6	15	030S	060W	4301330328	6365	14-20-H62-4724	OW	S	
UTE 5-30A2	30	010S	020W	4301330169	5910	14-20-H62-4863	OW	S	
UTE TRIBAL G-1 (1-24C6)	24	030S	060W	4301330298	4533	14-20-H62-4866	OW	S	
UTE TRIBAL FEDERAL 1-30C5	30	030S	050W	4301330475	665	14-20-H62-4876	OW	S	
SMB 1-10A2	10	010S	020W	4301330012	5865	FEE	OW	S	
KENDALL 1-12A2	12	010S	020W	4301330013	5875	FEE	OW	S	
CEDAR RIM 2	20	030S	060W	4301330019	6315	FEE	OW	S	
URRUTY 2-9A2	09	010S	020W	4301330046	5855	FEE	OW	S	
BROTHERSON 1-14B4	14	020S	040W	4301330051	1535	FEE	OW	S	
RUST 1-4B3	04	020S	030W	4301330063	1575	FEE	OW	S	
MONSEN 1-21A3	21	010S	030W	4301330082	1590	FEE	OW	S	
BROTHERSON 1-10B4	10	020S	040W	4301330110	1614	FEE	OW	S	
FARNSWORTH 1-12B5	12	020S	050W	4301330124	1645	FEE	OW	S	
ELLSWORTH 1-16B4	16	020S	040W	4301330192	1735	FEE	OW	S	
MARSHALL 1-20A3	20	010S	030W	4301330193	9340	FEE	OW	S	
CHRISTMAN BLAND 1-31B4	31	020S	040W	4301330198	4745	FEE	OW	S	
ROPER 1-14B3	14	020S	030W	4301330217	1850	FEE	OW	S	
BROTHERSON 1-24B4	24	020S	040W	4301330229	1865	FEE	OW	S	
BROTHERSON 1-33A4	33	010S	040W	4301330272	1680	FEE	OW	S	
BROTHERSON 1-23B4	23	020S	040W	4301330483	8423	FEE	OW	S	
SMITH ALBERT 2-8C5	08	030S	050W	4301330543	5495	FEE	OW	S	
VODA JOSEPHINE 2-19C5	19	030S	050W	4301330553	5650	FEE	OW	S	
HANSEN 1-16B3	16	020S	030W	4301330617	9124	FEE	OW	S	
BROTHERSON 1-25B4	25	020S	040W	4301330668	9126	FEE	OW	S	
POWELL 2-33A3	33	010S	030W	4301330704	2400	FEE	OW	S	
BROWN 2-28B5	28	020S	050W	4301330718	9131	FEE	OW	S	
EULA-UTE 1-16A1	16	010S	010W	4301330782	8443	FEE	OW	S	
JESSEN 1-15A4	15	010S	040W	4301330817	9345	FEE	OW	S	
R HOUSTON 1-22Z1	22	010N	010W	4301330884	936	FEE	OW	S	
FIELDSTED 2-27A4	27	010S	040W	4301330915	9632	FEE	OW	S	
HANSKUTT 2-23B5	23	020S	050W	4301330917	9600	FEE	OW	S	
TIMOTHY 3-18A3	18	010S	030W	4301330940	9633	FEE	OW	S	
BROTHERSON 2-3B4	03	020S	040W	4301331008	10165	FEE	OW	S	
BROTHERSON 2-22B4	22	020S	040W	4301331086	1782	FEE	OW	S	
MILES 2-35A4	35	010S	040W	4301331087	1966	FEE	OW	S	
ELLSWORTH 2-17B4	17	020S	040W	4301331089	1696	FEE	OW	S	
RUST 2-36A4	36	010S	040W	4301331092	1577	FEE	OW	S	
EVANS 2-19B3	19	020S	030W	4301331113	1777	FEE	OW	S	
FARNSWORTH 2-12B5	12	020S	050W	4301331115	1646	FEE	OW	S	
CHRISTENSEN 3-4B4	04	020S	040W	4301331142	10481	FEE	OW	S	
ROBERTSON 2-29A2	29	010S	020W	4301331150	10679	FEE	OW	S	
CEDAR RIM 2A	20	030S	060W	4301331172	10671	FEE	OW	S	

HARTMAN 2-31A3	31	010S	030W	4301331243	11026	FEE	OW	S	
GOODRICH 2-2B3	02	020S	030W	4301331246	11037	FEE	OW	S	
JESSEN 2-21A4	21	010S	040W	4301331256	11061	FEE	OW	S	
BROTHERSON 3-23B4	23	020S	040W	4301331289	11141	FEE	OW	S	
MYRIN RANCH 2-18B3	18	020S	030W	4301331297	11475	FEE	OW	S	
BROTHERSON 2-2B5	02	020S	050W	4301331302	11342	FEE	OW	S	
DASTRUP 2-30A3	30	010S	030W	4301331320	11253	FEE	OW	S	
YOUNG 2-30B4	30	020S	040W	4301331366	11453	FEE	OW	S	
IORG 2-10B3	10	020S	030W	4301331388	11482	FEE	OW	S	
MONSEN 3-27A3	27	010S	030W	4301331401	11686	FEE	OW	S	
HORROCKS 2-5B1E	05	020S	010E	4304732409	11481	FEE	OW	S	
LARSEN 1-25A1	25	010S	010W	4304730552	815	FEE	OW	TA	
DRY GULCH 1-36A1	36	010S	010W	4304730569	820	FEE	OW	TA	